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WALLACES' FARMER AND Iowa Homestead

Good Farming Clear Thinking Right Living

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DETROIT

Santa Claus gets a letter from Pocahontas county, Iowa. Listing hopes of the Jack Kramer family is 7-year-old Jean. Betty, 5 (right), and Jack, Jr., 2, stand by to help with their ideas.

Plan Your Pigs To Fit Corn . . . . Page 5

Did Dad Have Better Chance? . Page 8

Waiting Won't Save Much Tax . Page 12

Price Controls On Livestock? . . Page 20

DECEMBER 20, 1947

IOWA'S LEADING FARM NEWSPAPER

The Logical Place

to Meet the Man Who Can Pay the Most
Net Dollars for Your Livestock Is the

CHICAGO
Union Stock Yard

"The Great Central Market"

which was established 82 years ago this Christmas to concentrate the scattered demand from a large portion of the country and give producers the benefit of the greatest possible competition for their livestock.

Strategically located at the greatest railroad center between the producing regions of the west and the consuming sections of the east, this institution has demonstrated the advantages of the open competitive market by handling each year for satisfied patrons more livestock than any other market outlet on the face of the globe.

Ship Your Stock to
CHICAGO

Young man with a future

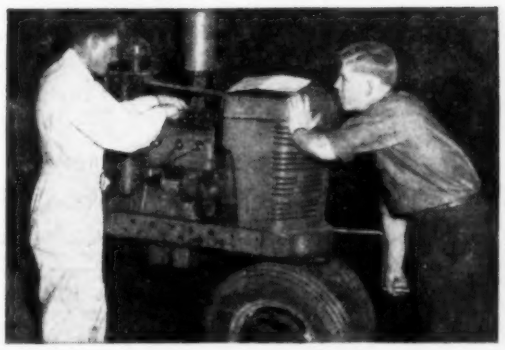
A boy pauses a moment, digs fists into warm pockets, and smiles as he looks across his father's fields. Next spring, when the land comes to life, he'll help Dad more than ever before. And just a few springs after that, he'll be a grown man—doing a man's work, taking a man's place in the world.

Even now he's building for that future—he's a member of a 4-H Club. In his club he joins other local members to elect officers, plan programs, share in community activities. He learns at first hand how democracy works.

Then too, each year he has one or more 4-H Club projects—agricultural projects of his own choice. He *learns* by *doing*, and he competes with other 4-H Club members to see who does best. This way, he finds out what it's like to be in business for himself . . . he learns about free enterprise by taking an active part in it.

So the 4-H Program is mighty important to this boy and to 1,700,000 other 4-H members. Projects for boys and projects for girls alike build self-reliance and teach valuable skills at the same time.

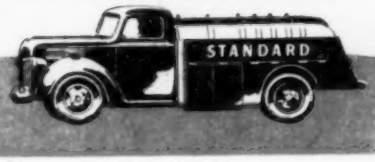
The Standard Oil Company (Indiana) feels honored to support 4-H Club work by sponsoring the "Live Power" Tractor-Maintenance Program.



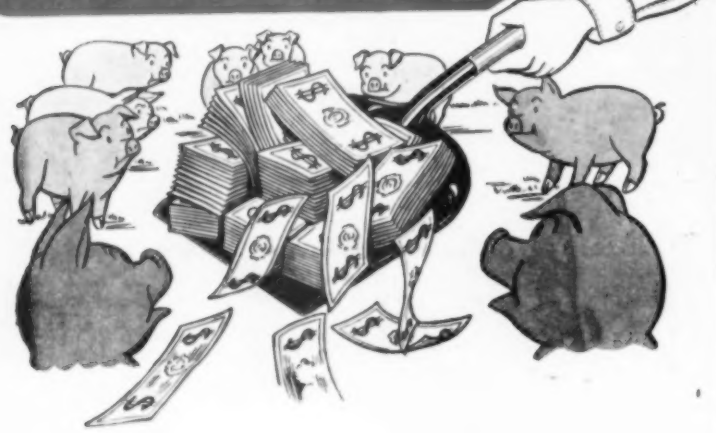
4-H members in "Live Power" Program learn details of tractor care and operation—so important in modern farming. This practical program is sponsored by Standard Oil and its subsidiaries in 38 states. Boys—girls, too—may enroll through their County Extension Offices.

STANDARD SERVICE

STANDARD OIL COMPANY



STOP Scooping Out DOLLARS



Every time you throw them out a big scoop of corn, you're throwing out a DOLLAR. Corn is just too high to scoop out thoughtlessly. Too high to waste—too valuable as food to use it carelessly.

To save that corn, SUPPLEMENT it. When feeding hogs, you can save ONE scoop in every TWO with a good blended supplement.

Here are the actual figures, in feed lot results

IF YOU FEED CORN ALONE

It takes TWO big scoops of corn to produce 15 to 20 lbs. gain on a hog

IF YOU SUPPLEMENT THE CORN

It takes only ONE scoop to produce 15 to 20 lbs. gain

It's not only good arithmetic; it's good, common-sense. You not only help conserve grain—you help yourself, too.

So, go easy on the scoop shovel. Get a good blended supplement. Balance your corn ration. You can more than double your money.

FEED INSTITUTE, Inc.
828 Liberty Building — Des Moines

Work Shop on Martin Schaper farm, Marshall county, Iowa, cost $2,000. "But it pays for itself every six months in time saved," says Martin. He does some work for the neighbors, too.

INSIDE STUFF

WERE YOU marooned at the end of a dirt road early this month? Many families were.

▲ ▲

THOSE RAINS in early December made trouble on every dirt road. And some gravel roads didn't stand up very well under the freezing and thawing.

▲ ▲

MANY FARMERS would prefer 100 per cent collection of the state income tax to 50 per cent—provided the extra money bought good roads.

▲ ▲

OR GOOD SCHOOLS. Too many farm children are still trudging off to bare little schools with poorly trained teachers in charge.

▲ ▲

PRODUCTION in Germany is lagging, partly because of lack of food, partly because of bad management. Joseph Alsop, writing from Berlin, tells in the St. Louis Post-Dispatch how an American general, visiting a factory, gave a "pompously silly order" to all workers to have hair-cuts.

▲ ▲

ALSOP ALSO SAYS that our administrators are turning too many factories and mines back to former managers. He tells of the mines being run by "the same hard-faced, hog-jawed men who have run the Ruhr in the past."

▲ ▲

ATTEMPT to include cash for China in the European relief bill reminds me of what a friend reported after 18 months in that country. He said a high per cent of American aid was wasted in graft. We probably get less for our money in real relief in China than any place else in the world.

IN CLARKE county, Iowa, there were 2.65 divorces annually, in the period 1910-46, for each 1,000 of the population. In Sioux county, the rate was 0.4 per 1,000. Why the difference?

▲ ▲

TAYLOR AND ADAMS counties, right next door to each other, have widely different divorce rates. Why? Figures are from a report by Kenneth L. Cannon, of Iowa State College.

▲ ▲

HOLLYWOOD is reported to be remaking some pictures which showed a banker foreclosing the mortgage on the old homestead. They're afraid the Un-American Committee of congress will claim the Reds wrote it.

▲ ▲

OUT HERE, some of our most respectable citizens used to foreclose mortgages. And it was their own idea. No Communist had to put it in their heads.

▲ ▲

SPEAKING of foreclosures, do you remember what hogs brought 15 years ago, in December of 1932? Iowa average for that month was $2.40.

▲ ▲

I WAS SAYING to a friend that Christmas wasn't quite what it used to be when our children were little. To which she replied:

▲ ▲

"THERE ARE always plenty of children. And they all like Christmas. Does it matter much whose children they are?"

▲ ▲

SO LONG as there are children in the world, anybody can have a happy Christmas.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

(Volume 72—Number 24)

Dante M. Pierce, Publisher. Published first and third Saturdays of each month, at 1912 Grand Ave., Des Moines, Iowa. Subscription price, postpaid, $1 for two years. Canadian and foreign countries, $1.25 for one year.

Editors: Donald R. Murphy, Homer Hush, Merrill C. Gregory, Wallace D. Inman, Cyril I. Moffitt, Wendell S. Clampitt, Zoe R. Murphy, Home Department; Earl F. Wisdom, Legal Editor; F. I. Wood, Service Bureau.

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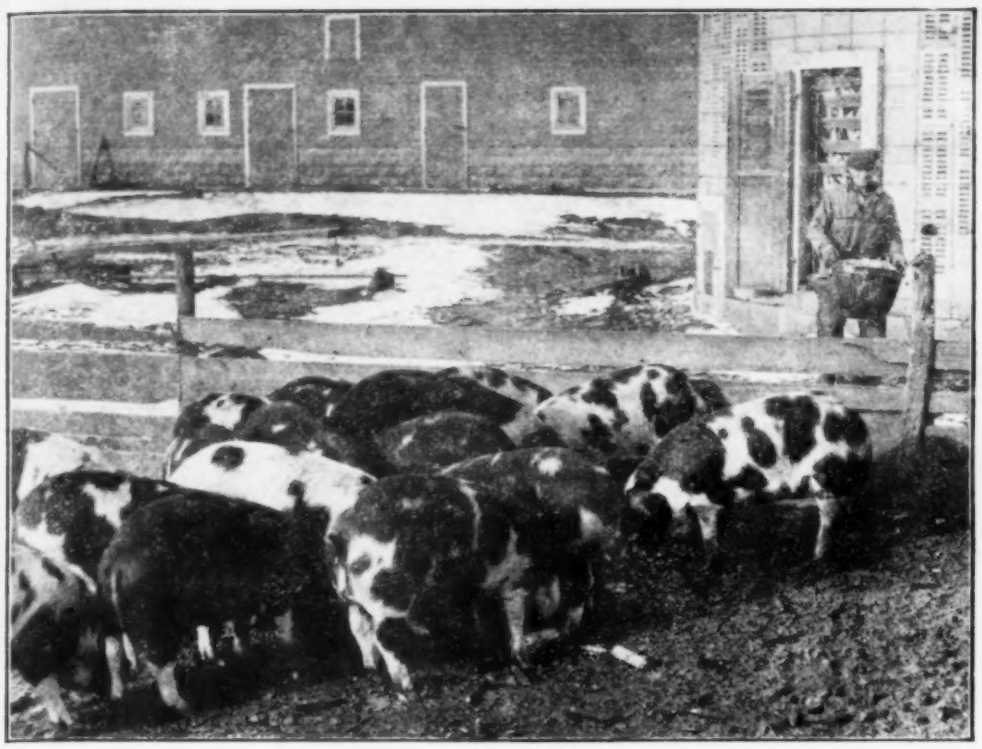
Entered as second-class matter, Oct. 19, 1929, at the post office at Des Moines, Iowa, under the act of March 3, 1879.



Enough Sows for his usual number of pigs are kept by K. K. Miller, Grundy county, Iowa despite the fact that there was only half a corn crop. He sold pigs in mid-November at about 200 pounds.

Figure Corn For Hogs

Each April Pig Will Need About 10 Bushels of Old Corn

THIS is the year to figure feed supplies. You don't want to get caught short next summer and have to buy corn. But there's no use to get scared out of the hog-raising business.

Hog raisers can figure pretty close on the grain required for their usual number of hogs. Both farmers and experiment stations have kept records to go by.

Feed estimates on this page were made after studying feed requirements for hogs as found by farmers and experiment stations. They should be close enough to make planning your hog raising as safe as farm operations ever can be.

Let's estimate corn and oats required for raising 100 pigs from 16 sows. Maybe you can raise more pigs per litter, but that's about the average.

It's grain that's scarce. So we will figure the amount of grain needed, along with adequate protein and good pasture. If either of these is short, more grain would be needed.

Let's divide into seven feed periods the 213 days estimated to be required to make a 225-pound hog. We'll begin with the last 100 days of the gestation period. Ten days of the period have gone by for sows that will farrow April 1.

From now until April 1, 16 gilts will probably eat about 8.5 bushels of corn and 7 bushels of oats each. That should keep them gaining but not too fat. Old sows would need more oats with the corn. For gilts, it's a total of 134 bushels of corn and 112 bushels of oats.

Suckling time is figured at 56 days. In this period, April 1 to May 26, the grain required for sows and pigs is estimated at 128 bushels of corn and 112 bushels of oats. At weaning, the pigs should average 28 pounds.

Now you must smooth up the sows for market. Corn is figured at 4 bushels each. They should eat that in 30 days and be in fair market shape. That's 64 bushels.

From May 27 to July 31, the 100 pigs will eat about 205 bushels of corn and 130 of oats. In the 65 days they should gain 52 pounds and reach a weight of 80 pounds.

August feed requirements are estimated at 189 bushels of corn and 105 bushels of oats. Good-doing pigs will gain 40 pounds and reach a weight of 120 pounds on the first day of September.

With cooler weather and more size, the 100 pigs might eat 261 bushels of corn and 163 bushels of oats in September. A 50-pound gain will make them weigh 170 pounds on October 1.

During October, the pigs would require about 403 bushels of corn and 60 bushels of oats. The pigs should reach a marketing weight of 225 pounds on November 1.

The total grain required to raise 100 pigs will be 1,384 bushels of corn and 682 bushels of oats. That's about 18 bushels of corn or its equivalent in oats for each 225-pound hog.

How can the farmer use the estimate to guide his hog-raising enterprise? Look at the table on this page.

If April 1 pigs are farrowed, all of the corn down to the last month will have to be 1947 corn. Oats from the 1947 crop will have to be available until about August 1.

If you raise 100 pigs from 16 sows, you should have 981 bushels of corn and 354 bushels of oats at farrowing time on the first of April.

Having pigs farrowed May 1 will transfer some of the feed to 1948 crops, and June pigs would transfer still more. How much of the present high-priced crop can be saved that way?

You can figure the saving by cutting off another month at the bottom of the feed table and adding a month to keep of the sow. It figures out about this way:

If you raise 100 pigs from 16 sows, and farrow on May 1 instead of April 1, you should have now about 792 bushels of old corn and 254 bushels of oats. The saving is 189 bushels of 1947 corn and 100 bushels of 1947 oats.

If you raise the same number of pigs farrowed June 1, you should have, beginning now, 675 bushels of 1947 corn and 172 bushels of oats. June farrowing saves 306 bushels of corn and 182 bushels of 1947 oats.

Protein feed required, according to Iowa State College estimates, will be from 60 to 90 pounds per pig. This is based on 250-pound hogs, however, and includes the brood sow's share. Without protein, minerals and salt, 25 per cent more grain might be needed. Without good pasture, more grain would be required, too.

Still greater feed saving could be made by slowing down gains after the pigs reach a weight of about 80 pounds. Attempts to skimp on feed before pigs are that size might be costly, however.

If the grain ration for the April pigs was halved in August and September, more than 200 bushels of 1947 corn might be saved.

A larger amount of oats in the ration, and less corn, would also make a saving on old grain. Some extra acres of oats could be grown for pig feed. This might also slow down the gains to some extent, but it would help hog raisers to stay in the game.

Grain For 100 Pigs Raised By 16 Sows

Dates—	Days	Gain (lbs.)	Corn (bu.)	Oats (bu.)	Pig Wts. End of period)	Lbs. Grain For 100 lbs. Gain
December 20 to April 1 (Gestation)	100	.....	134	112	.....	.....
April 1 to May 26 (Sows and pigs)	56	28	128	112	28	384
May 28 to June 28 (Fatten sows)	30	.....	64	.....	.....	.....
May 27 to July 31 (100 pigs)	65	52	205	130	80	301
August 1 to 31	31	40	189	105	120	349
September 1 to 30	30	50	261	163	170	399
October 1 to 31	31	55	403	60	225	445
Totals, averages	*213	225	1,384	682	225	425

*Age of pigs.

Editorials

We Don't Need to Boom And Bust

INFLATION has us in its grip. Look at the prices of everything you sell and everything you buy.

What can be done about it?

Marriner Eccles, governor of the Federal Reserve Board, and probably the most able man now left in the Truman administration, is pushing reserve requirements of banks just as high as the law allows.

This will prevent some bank loans, but not enough.

Eccles also asks new legislation to permit the Reserve Board to make banks hold on to new reserves, up to 25 per cent of demand deposits and 10 per cent of time deposits.

That would really prevent inflationary loans from banks.

Would it do too much? Many farmers remember how the Federal Reserve Board, in the spring of 1920, tried to check inflation, overdid the job, and threw the nation into a deflation.

The same thing could happen again. But the Federal Reserve Board of 1947 is a good deal smarter crowd than the board of 1920. And it has farm welfare much more on its mind.

Given proper legislation, the Federal Reserve Board could do a lot to check inflation now, and to block deflation when things start down.

The board should have had these powers a year ago. But it would help some if congress would act now.

TAKE A HOLIDAY FROM HATE

Christmas is a good time to take a holiday from hating people. Or nations. Or ourselves.

On the day before he died, Franklin D. Roosevelt wrote this:

"Today we are faced with the preeminent fact that, if civilization is to survive, we must cultivate the science of human relationships — the ability of all peoples, of all kinds, to live together and to work together, in the same world, at peace."

Have we gained or lost on these points since Roosevelt's death in April, 1945?

How are we doing in our attempts to "live together, and to work together, in the same world, at peace?"

Which statesmen, which magazines, which newspapers, which farm organization leaders, are helping the peoples of the world to understand each other?

Which ones are helping nations and peoples to hate each other?

Christmas, 1947, is a call for men and women of good will. "Will we meet the challenge and expand our hearts, that we are fitted to wield with safety the power which is ours almost for the asking."

If Your Barns Burned Tonight

IF YOUR barns, or your house, burned down tonight, how far would your insurance cover the loss? Could you rebuild with the money you would get out of the insurance?

One of our friends in eastern Iowa lost all his buildings, except his house, from a freak fire when lightning hit. The buildings were insured to the full amount of their cost.

But all had been built in low-cost times, back in the thirties. And when the farmer checked up, he found he couldn't rebuild for twice the amount of insurance.

Replacement costs have crept up faster than most of us realize. Check your insurance. If it doesn't match present-day replacement costs, increase it.

Also check the supply of ladders, fire extinguishers, etc. No matter how much insurance you carry, a bad fire is still the worst thing that can hit a farm.

More Corn Than Hogs Next Fall?

FOR every hog on the farms of the United States this month, there are only 46 bushels of corn. That's less than we would like to have.

Last year, we had 60.8 bushels per hog. The year before, it was 52.1 bushels. You have to go back to the winter of 1943-44 to find a figure lower than today.

Then it was 40 bushels per hog. But in 1943 we had more wheat to feed.

What will happen to hog production next spring? When corn supplies per hog are low in December, farmers are inclined to raise fewer hogs the next spring.

In the spring of 1943 (after a December when there were 48.1 bushels of corn per hog and liberal supplies of wheat), farmers saved 74 million spring pigs.

But in the spring of 1944 (after a December when there were only 40 bushels of corn per hog), the spring pig crop dropped to 55 million head.

But how quick corn supplies per hog can rise again! We only had 40 bushels per hog in 1943, but in 1944 we had 56.

Next year's spring pigs—many of them —will be fed out on corn that is not yet planted, not on corn that farmers now have on hand.

How many bushels of corn per hog will there be in December of 1948? That depends on how far farmers cut down on hogs and on what kind of a corn crop we have next year.

We might have more corn than hogs a year from now.

They Prefer Bread To Revolution

IF THE French and Italians had enough wheat to provide a good-sized bread ration, the Communists in those countries would be licked.

That is the prediction of observers who have come back from Europe lately.

Our emergency aid bill can assist in providing this bread ration. The congressmen who hesitated and split pennies on the emergency aid gave the Communists lots of help.

Who Is Buying Bonds?

Too Many Farmers Quit Buying at End of War

ARE you buying as many U. S. Savings Bonds as you did two years ago?

Or have you quit buying U. S. Savings Bonds altogether?

Bond sales in Iowa rural counties are high. Some farm people are buying more than a year ago. But too many have quit buying altogether.

A Wallace-Homestead Poll asked:

"How many U. S. Savings Bonds have you bought this year?"

1. More than two years ago..... 6 pct.
2. Fewer than two years ago...18 pct.
3. About the same as two years ago .....13 pct.
4. None at all.....63 pct.

It is good that 19 per cent of Iowa farm people are buying as much or more in bonds as they did in the last war year.

It is good that 18 per cent are buying bonds, even tho not as many as in 1945.

But in this high year of farm income, it is bad news that 63 per cent are not buying any.

Bank deposits are high. A lot of farmers had better take some of those extra deposits and turn them into bonds.

You can cash those bonds whenever you want to. And you'll get interest on your money.

Young farmers have cut down most on bond buying. Tenants have reduced their purchases more than owners.

Older farmers and big operators have increased bond purchases more than other groups.

BY THE end of December, the farm record may be better than it is now. Some farmers are planning to turn their December loads of hogs and cattle into bonds.

One man in Palo Alto county, said: "I haven't bought any U. S. Savings Bonds so far this year. But come around and ask me that question January 1. I'll have some then."

To every farmer, Wallaces' Farmer and Iowa Homestead would say:

"This is the time to pay debts and build up reserves. A stack of U. S. Savings Bonds in your safety deposit box is your best personal insurance against hard times."

EVERY farmer who buys a bond this month helps:

1. To protect himself against trouble in the future.

2. To protect the nation against inflation now.

Bond buying today serves the nation's needs just as much now as it did during the war. It is patriotic as well as sensible to buy bonds.

This Would Help When You Retire

"THAT Social Security program for farmers is all right," said an older farmer, "but it will not do us old fellows any good. I'm 60. I won't pile up enough credits in five years so my retirement pay will amount to much."

He's wrong. Actually, the older farmers would get the best deal.

Social Security, as most farmers know, now affects a great many city jobs. A deduction is made from a man's pay. In return, he gets credit on the Social Security rolls. When he is 65, he gets retirement pay based on his contributions.

To get the system started, liberal arrangements have been made for older workers who haven't had time to pay for many years.

If farmers were given the same rights as other workers, a farmer of 60, with an average net income of $1,200 a year, could pay in $24 a year (if the present 2 per cent rate were maintained) and get back $26.25 a month after he became 65 years of age.

The older farmer would get the breaks on this deal. The younger farmers would profit, of course, in the long run. They would get more retirement pay, but they would also put in a lot more of their own money.

Farmers should remember that this Social Security retirement annuity has nothing to do with the state-federal old-age pension system. The old-age pension plan is a substitute for the poorhouse. You have to be broke to get it.

This Social Security plan is more like the annuity plans of insurance companies. You pay in for so many years, and then, after 65, get your money back—with interest added—in the form of retirement pay.

Farmers don't have Social Security yet. They should. Your congressman can help see that the law is extended to include farmers.

Odds *and* Ends

HEAVIEST week of hog marketings in Iowa history ended December 6 and brought prices down around $24. Your grandchildren won't believe that when you tell them.

PREVIOUS record for heavy marketings was in January, 1934. But the price then was $5.10 per hundred.

IF DECEMBER turns out to be the heaviest marketing month this winter, what will prices do when shipments shrink? Maybe consumers will eat more chicken and beef.

WINTER wheat crop in the U. S. looks better. Rain and snow in the southwest has helped. And Australia reports a good crop.

IF 1948 is a reasonably lucky year for weather, Europe may be in fair shape for grain by fall. Especially if eastern and western Europe are trading again.

BUT rice will still be short. And famine will still rule over much of Asia—even if all crops are fairly good in 1948.

TO FARMERS, this means that a drop in grain prices in the fall of 1948 is a possibility. But there is a lot of unknown weather between now and then.

ONE farm woman writes: "Our new furnace with automatic controls certainly beats carrying coal to and ashes from three stoves. What a difference it makes in the dirt around a house!"

THERE'S some talk about putting a special tax on heavy hogs, and giving it back in bounties to folks who sell light hogs. Actually, high corn prices are keeping hog weights low anyway.

WHILE farm products as a whole are 19 per cent above parity, peanuts, potatoes, tobacco, apples, citrus fruits, wool, chickens and eggs are all under parity.

FOOT and mouth disease is not being cleaned up in Mexico. Shooting cattle in infected areas proved too expensive, too irritating, to farmers. Quarantine is the next plan.

COAL production is gaining in Europe. German miners, with more food in sight, are turning out more coal.

OTHERWISE, none of the European news is good. France is splitting into two camps, with Communists on one side and Fascists on the other. Middle-of-the-road Social Democrats are losing.

MORE protein feed per animal is available than last year. Francis Kutish, of Iowa State College, says: "Protein feeds are cheaper than usual in relation to feed grain prices. Farmers have every reason to feed balanced rations to their livestock this winter, both to stretch out their grain supplies and because protein feeds are relatively less expensive."

FARMERS aren't buying as many U. S. Savings Bonds as they should. But, just the same, farm counties Tama, Calhoun and Henry lead the state in meeting their quotas.

IOWA farms will probably have more total income this year than those of any other state. California, usually strong in farm income, ran into a drop in citrus fruit prices about the time hogs started up.

TOBACCO states are also in trouble. Exports of flue-cured tobacco have dropped 23 per cent for the first nine months of the year. Tobacco men say the Marshall Plan should include cigarettes.

AS EVERY elevator manager knows, the Board of Trade comes in handy for hedging operations. But speculative—not hedging accounts—in September totaled 3,827.

ONE-FIFTH of these were held by farmers, who should know better. But there were also 308 housewives and 319 retail store proprietors playing the market.

IOWA'S farm land boom is still booming. Average prices are up to $167 an acre, almost twice the average of 1941. Western Iowa land, reports Dr. W. G. Murray, of Iowa State College, is going up faster than land in other sections.

WARM drinking water for stock will save you feed this winter. It takes a lot of corn and hay to warm up the gallons of water a cow or steer drinks every day.

Song of the Lazy Farmer

MIRANDY'S cousin's kids are here to help us share our Christmas cheer; they're all expectin' Santa Claus to show up with lots of gee-gaws, like

dolls for girls, and other toys, includin' air-guns for the boys. So I will have to make believe that I'm Saint Nick on Christmas Eve; I'll get out my old tasseled hat, with pillows makin' me look fat, three pairs of pants I'll have to wear, and woolen boots, but I don't care. I'll have as much fun as they will when I sneak in their socks to fill; there's nothin' like a kid or three to give us Christmas joy, by gee.

Of course, I hope they'll have some care next day when they are huntin' bear with those air-guns that Santa brings, believe you me, a bee-bee stings. And like as not when dinner's o'er and I have started in to snore, the dog and cat will look with fear upon those guns and disappear; and then the only fur around will be where I am sleepin' sound. Or drums will beat and horns will blare and jolt me right out of my chair. Yep, holidays are not complete without the sound of little feet, but I my lucky stars will thank, I ain't forgotten how to spank.

She Thinks that younger farmers have at least as good a chance to make a success as their parents had. She's Bonnie Brown, of Palo Alto county, Iowa, with her Palomino saddle horse.

Better Chance today than his parents had, thinks Harm Timmons, Butler county, Iowa. Timmons has running water in the house, with a wash-up sink for the men in the basement.

No Better, no worse, chance than father, says Bremer county dairyman.

Will You Make Good?

Farmers of Today Say They Have Better Chance to Succeed Than Their Fathers

A WALLACE-HOMESTEAD POLL

ASK many farm people if they think another depression is coming and they'll say "Yes."

But they don't really think it will be as bad as the last one.

Here is the proof. The Wallace-Homestead Poll asked a representative cross-section of Iowa farmers if they thought their chances of success were as good as those of their fathers.

A clear majority thought they had a better chance. Only 9 per cent said their chances were worse.

Women estimated their husbands' chances about the way the husbands themselves did. If anything, the women were a little more optimistic.

Sixty per cent of the owners thought they'd have a better chance than their old man. But only 52 per cent of the tenants felt that cheerful.

Of course, when you ask a man: "Do you think you have a better chance than your father?" you are also asking: "When did your father farm?"

A few older men whose fathers had farmed before World War I weren't so sure about doing better. But most had fathers who had taken a beating in 1920 or in 1932, or both.

And most of these folks seemed to think: "I don't believe it can be quite that bad again."

Young and old voted about the same way. And it didn't make any difference whether the farmer was a Democrat or a Republican.

It is hard not to be hopeful when hogs are $24 a hundred or better.

One young renter in Clayton county expressed the minority view. He said:

"I don't think my chances are as good. It's pretty hard to get started these days. Land is high. So is equipment. I don't see how a man can buy a farm unless he has enough money to make a pretty good down payment."

Another young fellow in Monroe county was doubtful. "Things are too uncertain," he said. "I don't think I have as good a chance as Pop had."

An old farmer in Kossuth county explained his confidence thus: "There will be a slump in two or three years, but not as bad as after World War I. The government will help quicker this time."

"Put in the same amount of hard work your father did," said a farmer in Cass county," and your chances are better."

A northern Iowa farmer thought anybody in America has a good chance:

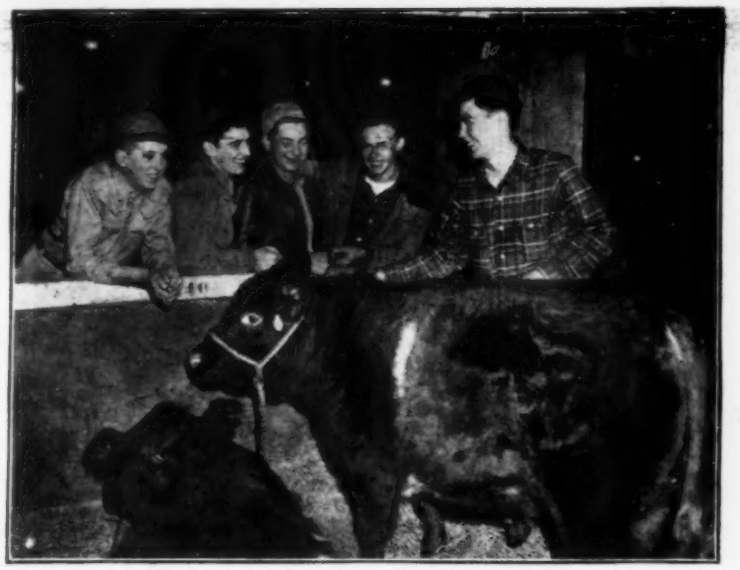
"My Dad lived in Norway, so it's hard to compare our chances of succeeding. But any farmer in America has a good chance to get ahead."

BETTER CHANCE THAN DAD?

Do you think your (or your husband's) chances to succeed are better than, or not as good as, those your father (or your husband's father) had?

1. Better ..... 56 pct.
2. About the same ..... 27 pct.
3. Not as good ..... 9 pct.
4. Don't know ..... 8 pct.

In Fortune's national poll, of both city and farm people, 70 per cent thought they had a better chance, 13 per cent about the same and 13 per cent not as good.



Free advice. On the receiving end during the International is Stanley Held, Hinton. Others from left to right are Gordon Held, Hinton; Garold Fairchild, Sioux Rapids; Dale Swanson, Danbury, and Jim Anderson, Cherokee. All the boys had calves in junior feeding contest.

Iowa State College judging team won International judging contest. Members, left to right: Vern H. Kerchberger, coach; Stanley Anderson, Villisca; Dave Pingrey, Ames; Carl Rehder, Lincoln, Neb.; Gail Danielson, Woodward; Donald Kizer, Paullina and Ed Lidvall, Boxholm.

International Brings Out Iowans

PHYLLIS BONNATER

JIM KLUDAS

BONNIE LOU OMTVEDT

THOUSANDS attended the International Livestock Exposition in Chicago early this month. Wherever they looked, they saw Iowans winning awards, judging livestock and grain, taking part in the record-breaking agricultural event.

Only a few of the many Iowans who helped make the show a success are pictured here. Some others are shown elsewhere.

In the column at the left are pictures of three outstanding 4-H members from Iowa who won scholarships at the National Club Congress held in connection with the Livestock Exposition.

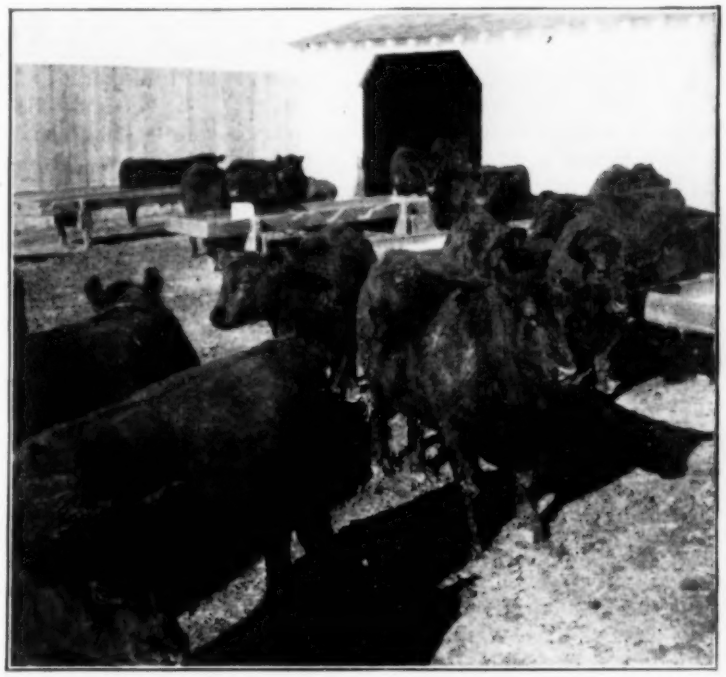
At the top is Phyllis Bonnater, 17, Keokuk county. Her name is familiar to folks who follow 4-H baby beef work. Last year, she had reserve champion steer at the Iowa State Fair and grand champion of the junior feeding contest at the International.

Veteran of seven years of 4-H work and 24 projects, she has received more than $9,000 from her projects. She won a Thomas E. Wilson $200 scholarship for outstanding work in livestock feeding.

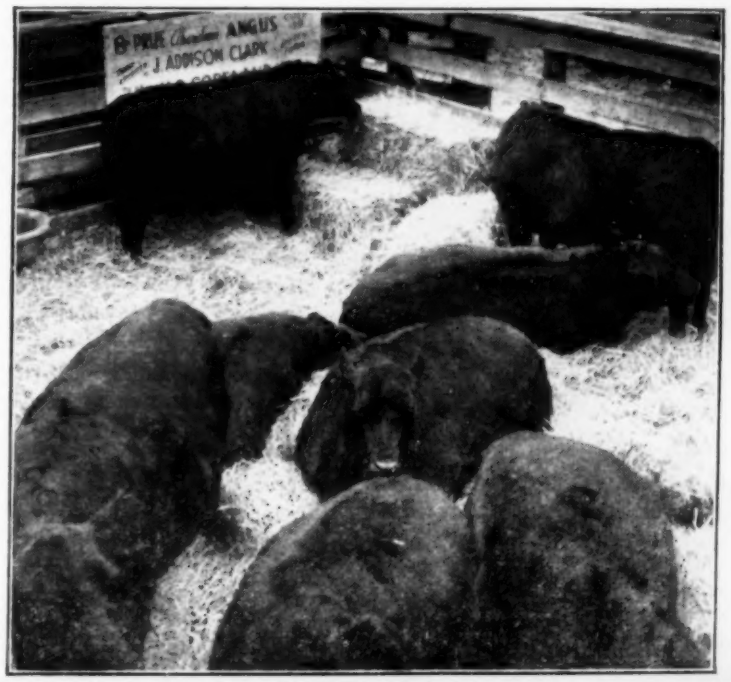
Daryl Hugh Denney, 20, Mahaska county, not pictured here, won a similar scholarship for proficiency in livestock feeding. Denney is a partner of his father on a 475-acre farm. He already has six purebred cows, wants to establish a herd of purebred Herefords.

Jim Kludas, 18, is in the center picture. He won a $200 scholarship from Firestone Tire and Rubber Company for outstanding soil conservation work on his father's Cherokee county farm. Four 4-H projects have brought him a total of more than $4,000 in prizes.

In the bottom picture is the winner of the Montgomery Ward $200 scholarship, Bonnie Lou Omtvedt, 17, Pocahontas county. Her award was based on her long-time record book. Her records show she has made 31 garments in the five-year period. In addition, she has handled 3,000 baby chicks, has done home canning and baking, and helped with the home furnishings.



Steers looked much better in the eighth place pen in the carlot show at the International than they did in the mud of the feed-lot a month earlier. They're the same cattle, fed by J. A. Clark, Boone county. Top picture was taken in Clark feed-lot, bottom one at Chicago show.



Here's the grand champion carlot of fat cattle at the International show. They were fed by Karl Hoffman, Ida Grove, Iowa.

Hoffman's Steers Win

Carlot Championships In Each Breed To Iowa Feeders

KARL HOFFMAN, Ida county, Iowa, veteran cattle feeder from a cattle-feeding county, won another honor when his light-weight Herefords were named grand champions in the carlot fat cattle show at the International Live-Stock Exposition, in Chicago.

Hoffman led the long list of Iowa cattle feeders who won prizes. He had both first and second prize loads of white-faces under 1050 pounds. His championship load of T-O bred cattle averaged 1025 pounds, and sold for $61.75 per hundred. They were about 75 pounds per head lighter than the steers with which Hoffman won the American Royal championship in Kansas City.

Will Jargo & Sons, of Clinton county, had the fifth place load of light Herefords.

In the 1050 to 1150-pound class, Harvey P. Schmidt, Clinton county, was fourth, and Lewiston Bros., Dallas county, fifth. Dilman Wilson, Clinton county, had second prize carload of heavy Hereford steers, with Jargo fourth, Henry and Leo Harmsen, Clinton county, fifth and Wilson sixth.

Schmidt Bros., Ferd and George, Clinton county, didn't have the champion carlot this fall. But they won all three blue ribbons and had champion load in the Angus classes.

The champion came from the light-weight class, where Schmidt Bros. had first and second. J. F. Mommsen & Sons, Johnson county, were third; Percy Clark, Boone county, fourth; Carl Lippold, Scott county, sixth and seventh; J. A. Clark, Boone county, eighth, and Ernest Turin, Ida county, Ninth.

In medium-weight Angus, Mommsen stood second and third to Schmidt Bros. In heavies, 1150 and over, these two feeders battled it out again, with Schmidts winning first and third, Mommsen second.

Hugh Morris, Washington county, won Shorthorn carlot championship again. His medium-weight load took the prize. He also had second prize light-weight load and first and second heavy steers.

E. F. and Harold Goecke, Marshall county, had the second prize carload of medium-weight Shorthorns.

In the classes for individual fat steers there are a lot of championships. In addition to champion and reserve champion of the show, and of each breed, the judge also selects a champion and a reserve champion steer for each of the four age groups, regardless of breed.

This year, Richard S. de Quincey, of Bodenham, Hereford, England, placed the open class and junior feeding class steers.

Claude Millwee, 17, Fort Cobb, Oklahoma, who, with 10 other Oklahoma FFA members, shipped 21 steers to the International, won the championship of the show with his blocky 1100-pound Shorthorn steer.

His calf sold for $8 a pound. He also collected more than $1,000 in prizes.

C. E. Yoder & Sons, Muscatine county, Iowa, showed the champion Angus steer, with Iowa State College winning the reserve award. Yoder's Angus had previously been champion over all breeds in the junior calf class.

The Yoder steer was purchased as a calf from the herd of Bill Hansen, Iowa county. The calf had no nurse cow, but was fed lots of calf meal. As soon as he would eat, he was put on ground ear corn and oats, with a little supplement.

Cleo Yoder, who showed this calf, also showed the grand champion 4-H steer in 1935. He said the champion Angus this year had never been on pasture. Yoder fed good quality clover hay that carried just a little timothy.

As the calf got older, the ground ear corn was increased at the expense of the oats. Gradually, Yoder changed from ground ear corn to shelled corn.

During the last 60 days before the show, Yoder changed to cooked shelled corn, and added barley to the ration. Supplement was increased as the calf grew older.

Yoder & Sons also exhibited the first prize junior Shorthorn calf.

In the show this year, the steers, regardless of weight, were exhibited in age groups—junior calf born on or after December 1, 1946; senior calf born between September 1 and November 30, 1946; summer yearling born between May 1 and August 30, 1946, and junior yearling between January 1 and April 30, 1946.

George Edwards, beef cattle herdsman at Iowa State College, fitted the college's reserve champion Angus. This steer was raised in the college herd. The calf was sired by Blackcap Barry of Wilton, the bull that was grand champion at Denver two winters ago.

The reserve champion steer was a May calf; nursed his mother for about eight months. He received some extra milk from an additional nurse cow. During that time, he was creep-fed on pasture, starting out with about two parts of oats to one part of corn. More corn was added as the calf got older.

Toward the end of the feeding period, the calf was getting half corn and another half of equally mixed bran, oats and beet pulp, by measure, not by weight. He got about two pounds of oil meal a day, and was fed a limited supply of clover or alfalfa hay.

Iowa State College also had third-place group of steers, any breed.

Vern Carlson, 4-H boy from Clinton county, had the reserve champion steer in the junior feeding contest. In the open show, this Angus calf was named reserve champion over all breeds in the senior calf age group.

The champion Hereford steer, which was reserve champion steer of the show, was exhibited by the University of Wyoming. Wyoming also had the reserve champion Shorthorn. The reserve champion Hereford was exhibited by Kansas State College.

There's a reason for that smile. Claude Millwee's Shorthorn had just been named grand champion fat steer at the International Livestock Show when this picture was taken. Millwee is from Fort Cobb, Okla.

GENERAL ELECTRIC FARM NEWS

MORE POWER TO THE AMERICAN FARMER

Fay Mowery makes his own fertilizer spreader with his General Electric Farm Welder

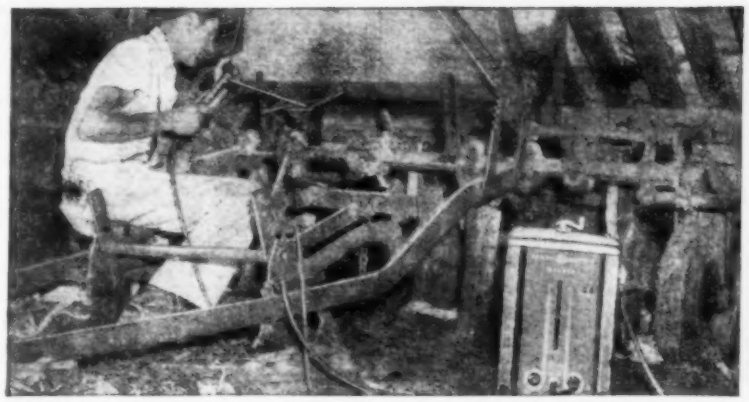
Fay Mowery, who farms 332 acres of row crops and 720 acres of pasture and hay in Harris County, Texas, bought his General Electric Farm Welder in March.

But he has already built a fertilizer spreader with it, using scrap tractor parts and discarded tank iron.

"I couldn't buy the kind of spreader I wanted for love nor money," Mr. Mowery says. "So, soon as I got my welder, I started in to build my own.

"I'd never used an electric welder before. But this one is so handy that I was able to finish the job in no time at all."

The 2-inch chisel teeth on Mr. Mowery's spreader put fertilizer 4 inches beneath the sod of hay and pasture land, without damage to grass.



"With 4 tractors, we're pretty well mechanized," says Mr. Mowery. "That means a lot of heavy machinery to keep in shape. With this farm welder, though, I can do *all* my repair work now. I figure it's already earned its cost."

Motors need protection!

Give your electrically driven saw, grinder, or pump a bigger job than it can do, and the motor won't give up.

It'll keep on trying until it overheats, or even burns out—*unless it's protected by a control switch.*

When you overload a motor equipped with a control switch, the switch cuts it off *before* it is damaged. Then, you reduce the load and start up again.

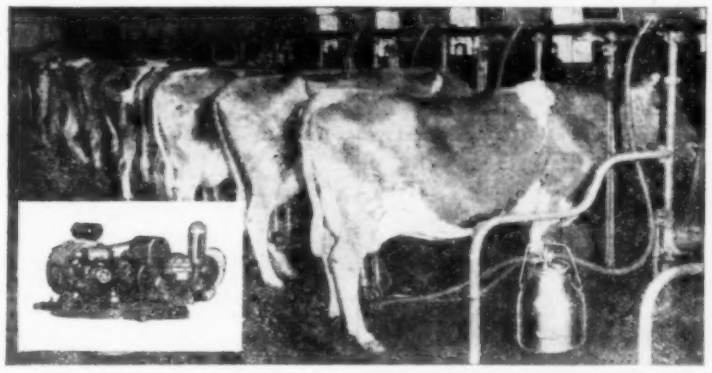
Make sure the motors you use have this protection. There's a low-cost General Electric motor starter for every size motor.

Solves winter poultry-watering problem

Keeping water pipes in his laying house from freezing was a winter-long nuisance for Thurston Hand, near Glen, N. Y., until he got his General Electric heating cable set last fall.

He wrapped the lead-covered cable around the exposed pipes and then put on insulation. Here he is spreading the jacket to show the heating cable.

"A thermostat keeps the pipes just above freezing," says Mr. Hand. "No matter how cold it is, my hens have plenty of water."



Have you seen the new milking machines?

A lot of improvements have been made in milking machines during the last few years.

New models do a gentler job of milking at a uniform speed and are easier to keep clean.

Look at the milking machines at your dealer's. See if you don't think they will save you more work than ever.

And when you buy a milking machine, make sure that it is driven by a General Electric motor. That G-E monogram on the motor is your assurance of long life, trouble-free service.

Wonderful wintertime help for Dad, or whoever waters stock on your place, is this General Electric Stock-tank De-icer.

He simply plugs it into the nearest electric outlet, puts it into the tank. A thermostat heats the de-icer just enough to keep a space free of ice. It doesn't heat the whole tank. So it's economical to operate.

The General Electric Stock-tank De-icer is inexpensively priced, too. Only about $19.95 at your General Electric dealer's.

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GENERAL ELECTRIC

Notes from the field

by GEORGE A. RIETZ, Manager
Farm Industry Division
General Electric Company

The other day, Paul Hamman, one of our G-E district farm specialists in the midwest, and I were discussing the growth of farm electrification.

In 1908, when General Electric first assigned men to farm problems on a full-time basis, fewer than 50,000 U. S. farms were connected to power lines. And they were using electricity primarily for lighting and irrigation.

Today, about 3,750,000 U. S. farm families have service. And more than 200 farm jobs have been found for electricity during the past 40 years.

American farms, with their electrical equipment and other improvements, are the envy of the world. The cream of our farm boys and girls now find the modern electrified farm a fine place to work and make a living.

Paul and I are among the thousands of men and women engaged in this work of helping farmers to use electricity profitably. Our goal is to inform all farm families fully and specifically *how, where* and *when* they can put electrical equipment to work advantageously.

A sound and progressive American agriculture is a necessity not only during periods of crisis, such as the present world-wide food shortage, but also in normal times. And many agricultural and industrial leaders are convinced that a wider use of electricity on the farm will play the major role in agriculture's continuing progress.

FREE! Send for your copy of General Electric's helpful farm electrical guide, "Modern Farm Help."

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* *You can get the new Phillips 66 Premium Motor Oil in both bulk and cans.*

PHILLIPS 66 *PREMIUM* MOTOR OIL

These Pigs will go to market in January, thus take advantage of possible cut in 1948 income taxes. Paul Olson, Boone county, Iowa, figures his 41 June pigs will sell at about 260 pounds.

Sell In '48 To Cut Income Tax?

Here's a Way to Figure What You Might Save by Holding $1,000 Worth of Hogs

"I DON'T dare to sell any more hogs until after January 1, because it will put me in a higher income bracket."

That statement is often heard this time of year. But some farmers are asking questions about how much can be saved.

How do farmers save on their income tax by holding hogs or other crops until after January 1?

You shift income from 1947 to 1948 by this method, but only if you make your income tax report on the cash receipts basis. Those who use the inventory or accrual method can not shift income this way.

Shifting income from 1947 to 1948 will save you some tax money if congress reduces the income tax for 1948. A 20 per cent reduction bill was passed and vetoed in 1947. Some think there will be a reduction, effective for 1948.

Shifting income might also keep your taxes in lower brackets.

How much might a farmer save if he held $1,000 worth of hogs over until 1948?

If you have a $4,000 net income on the basis of what you have sold already, and if you have a wife and two children, your income tax will be about $300.

If you added $1,000 to your income for 1947, the tax would be about $480. The increase would be $180.

Now, if the $1,000 worth of hogs were held over until next year, and if the 20 per cent reduction is made, you might save $36. You would also have the use of the $180 for another year.

Wouldn't the man with a larger income save more by selling crops after January 1 than the man with $4,000 income?

Yes, he would. For a man with a $6,000 income from sales already made, and a wife and two children, the saving would figure about like this:

The tax on a $6,000 income would be $693.50. If additional sales before January 1 made your income $7,000, the tax would be about $921.50. The additional tax would be $228.

If taxes were reduced 20 per cent on 1948 incomes, selling after January 1 would save the man with $7,000 income about $45.60.

With either a $4,000 income or a $6,000 income, the saving by delayed marketing would not equal the value of one hog that might die. Or, if hogs went down $1 per hundred, the saving would be wiped out.

But if an additional income of $1,000 put you into a higher bracket, wouldn't the saving be more than $45.60?

When additional income puts you into a higher bracket, you only pay the increased tax rate on the income that reaches into that bracket. Rich men and men with moderate incomes pay the same taxes on the first $5,000 or $10,000 of income.

The additional $1,000 does put a tax-payer with $6,000 income into the 26 per cent bracket. But he only pays 26 per cent on $500 of income.

Then does it really pay to change marketing dates in order to shift income from one year to another?

There can be a moderate saving. But you still have to pay tax on the income. Markets can change enough to make it unprofitable. And shifting market dates can play hob with your feed supplies.

If you hold until after January 1 this year, then you can't sell until after January 1 next year without doubling up on your income for 1948. It looks like a game at which it is hard to win.

Barrow Prizes To Illinois

Iowa Fails To Win International Carlot Championship First Time In Seven Years

IOWANS did much of the judging but little of the winning in the 1947 International Livestock Exposition barrow show.

Two Illinois exhibitors — a 16-year-old Iroquois county 4-H girl and a veteran feeder from Jo Daviess county—walked off with the top fat hog prizes.

The Jo Daviess county winner was Walter Schlichting, whose load of light-weight Poland Chinas took the carlot championship.

It was the first time since 1941 that an Iowa load had failed to win. And it was the first time since 1938 that any breed except Berkshires had been on top.

In seven of the last eight years, Berkshires from the feed-lot of George Hoffman & Son, of Ida county, Iowa, were carload winners. Hoffmans were not on hand to defend their title this year.

Grand champion individual barrow of the show was the 260-pound Chester White which had won the junior feeder title for Miriam Meyer, Iroquois county, Illinois. Reserve grand champion also was a medium-weight—a Purdue University Hampshire.

Other weight champions were a light-weight Chester White exhibited by Glen Cox & Son, Wabash, Ind., and a Poland China heavy-weight shown by Purdue.

In individual classes, Iowa did best in Herefords and Tamworths. In the Hereford show, judged by A. L. Anderson, of Ames, Sellers Bros., Lucas county, had top medium-weight and showed him to breed championship. Sellers also took second on heavy pen.

J. H. Jones, Washington county, Iowa, had the best light-weight pen of Tamworths. The Jones barrows later were named reserve champion Tamworth pen. Jones also had second place light barrow. National Purebred Livestock Exchange, Colfax, Jasper county, had top heavy-weight, second pen of three, third place light weight and get of sire. I. M. Reed, Clarke county, Iowa, was the judge.

Iowa State College and J. R. Caputo, Washington county, carried the Iowa banner in both Berkshires and Durocs. In Berkshires, judged by Virgil Smith, Kossuth county, Iowa, Caputo had third place light pen, fourth place heavy pen and ninth place light barrow. Iowa State won eighth on its medium-weight barrow.

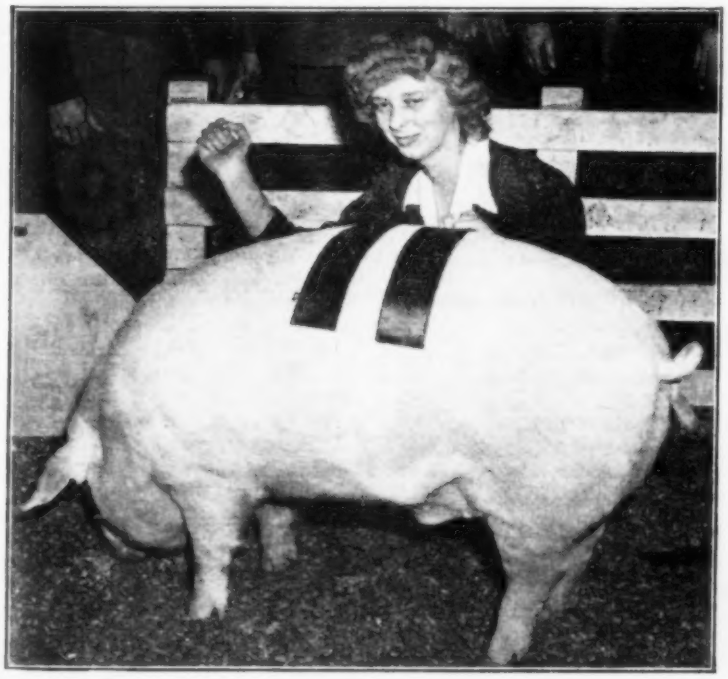
Purdue University made a clean sweep of the Berkshire titles, with both the champion and reserve champion individuals and pens.

In Durocs, Iowa State showed third place heavy pen and sixth place medium trio. Caputo took fifth on light-weight pen. In this breed, Purdue played second fiddle to Lyle Schertz, of Woodford county, Illinois. Schertz had both champion barrow and champion pen, with Purdue taking both reserve championships.

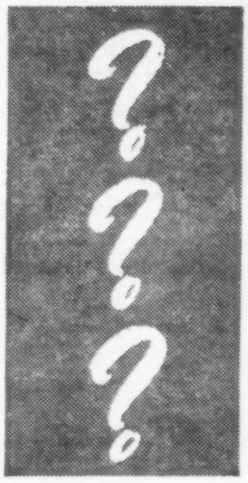
Iowa State came back in the Chester White show with fourth place heavy and light pens. R. E. Williams & Sons, Johnson county, Iowa, had sixth place heavy individual. A Michigan State College heavy-weight was reserve champion to Miriam Meyer's top barrow. Again Purdue had both champion and reserve pens.

H. M. Meneough, Polk county, Iowa, was the Poland China judge. In this class, Purdue split with Oscar Anderson, LaSalle county, Illinois. Purdue had top barrow, Anderson best pen.

In Spotted Polands, also judged by A. L. Anderson, of Ames, Michigan State showed the champion barrow. W. V. Dowson, Sangamon county, Illinois, had top pen. Purdue won again in Hampshires—taking individual and pen titles.



Top Barrow at International was 260-pound Chester White shown by Miriam Meyer, 16-year-old Iroquois county, Illinois, girl. At the end-of-show auction, the winner sold for $2.25 per pound.



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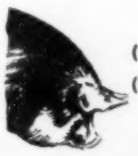

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for all Livestock and Poultry

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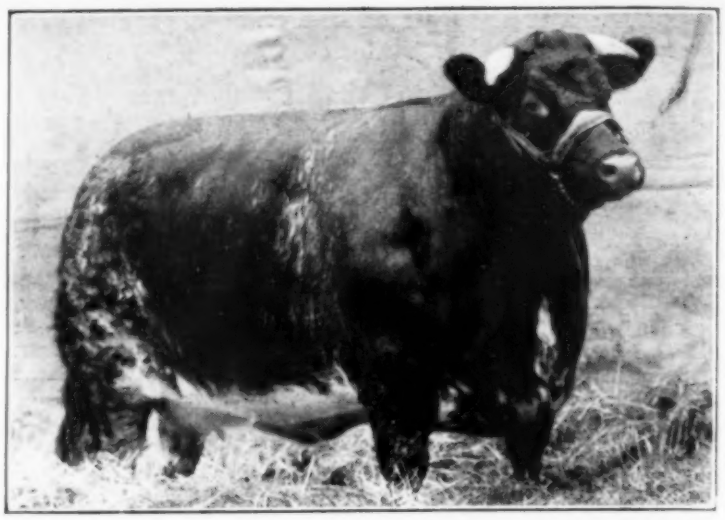
MINERAL COMPOUND



Five Championships were won by Augusta 115th before she went to the International Livestock Show. This senior summer yearling, owned by Clausen Brothers, Clay county, Iowa, was grand champion female at state fairs in Iowa, Illinois, Missouri and South Dakota, and also at a big cattle show in Maryland. She was made reserve champion Shorthorn female at Chicago.

Canadian Bull Tops Shorthorn Show

But Corn Belt Breeders Are Strong in Angus And Shorthorns at the Chicago International

"SHORTHORNS come from the corn belt. Herefords from the west and south. Angus from all sections of the country."

So said a visitor at the International Livestock Show at Chicago. He was walking thru the exhibits of beef cattle. Before him were prize cattle of the world.

It was easy to find the Shorthorns from Iowa and adjoining corn belt states. The grand champion bull wasn't among them—he came from Canada. But the corn belt Shorthorns had most of the blue ribbons in their stalls.

Clausen Brothers, Clay county, Iowa, got a lot of attention with their eight Shorthorn heifers and five bulls. They made an impression in the show-ring, too, for the judges gave them nine first places.

A lot of folks stopped to see the Shorthorns shown by Helfred Farm, Polk county, Iowa, owned by F. W. Hubbell. Heading their string was Helfred Bapton Major 10th, the bull that was made reserve champion at his first showing at the 1947 Iowa fair. He was second in his class at Chicago.

Blue and red ribbons hung over the Shorthorns shown by Holz Brothers, of Greene county, Iowa, DeWar Brothers, Cherokee county, and Ben G. Studer, Kossuth county, won placings, too.

But everyone looked at the champs. Hepburn Banker Royal was champion bull. He was a dark roan summer yearling, shown by Richardson Stock Farm, Winnipeg, Canada.

Reserve champion bull was Sni-A-Bar Randolph, shown by Brown-Forman experimental farm, Louisville, Ky. He was reserve champion at the 1946 Iowa State Fair. He was shown at that time by Sni-A-Bar Farms, Grain Valley, Mo.

Champion Shorthorn female, Marellbar Princess 5th, was shown by William Bartholomay, Jr., Lake county, Illinois. This summer yearling gave Augusta 115th her first defeat in six shows. The Clausen entry was made reserve champion.

Breeders from Iowa and adjoining states were fairly strong in the Angus show, too. There was always a crowd around the cattle shown by Otto G. Nobis, of Scott county, Iowa, and entries from El-Jon Farms, Mahaska county, Iowa. Numerous ribbons were won by these exhibitors. But top places went to other states.

Grand champion Angus bull was Master Prince of Sunbeam, shown by Reverie Knoll Farm, Danville, Ky. Reserve was Eileenmere R. 21st, one of a group of winners shown by Rundles' Angus Farm, Woodford county, Illinois.

Champion Angus female was Robert E. Green's Eisa of R. L. S., from Knox county, Indiana. Erica Bandolette A. D. 2d, shown by Ankony-Dinsmore Farm, of Duchess county, New York, was reserve.

Most of the Hereford champions were from western and southern farms and ranches.

Champion Hereford bull was H. C. Larry Domino 12th, shown by C. A. Smith, West Virginia. WHR Symbol 33d, a junior bull calf, won reserve championship for Wyoming Hereford Ranch, Cheyenne.

Wyoming Hereford Ranch also had champion Hereford female, WHR Vanity Box 8th. Clovelly Herefords, Cincinnati, Ohio, had reserve champion Hereford female, Triumph's Lady 9th.

Polled Shorthorn champion bull, Millbrook Crown, was shown by Wm. H. McDonnell, Kendall county, Illinois. Reserve champion, Cherry Hill Royal Oak, was shown by Cherry Hill Farm, Baltimore county, Maryland.

Champion female of the Polled Shorthorn breed, Clarissa Coronita 4th, was shown by Lewis W. Thieman, Lafayette county, Missouri. Reserve champion female was another entry by Cherry Hill Farm.

Workday Pointers

Helpful Suggestions For Farmers

GREASE FIRES in cooking vessels can often be put out with soda or salt.

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YOU SAVE TIME, corn and risk by selling your cattle when they reach the grade of "good" beeves.

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DAMPNESS in poultry houses is caused by poor ventilation. The moisture-laden air should be let out before its water is deposited on the walls.

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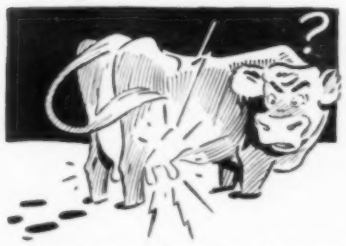
FROZEN TEATS will often result if cows wade deep snow. The result is loss of production,



difficulty in milking and the possibility of mastitis infection. No amount of feed found in snow-covered fields will pay for the trouble and damage caused by frozen teats.

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DEEP LITTER in the poultry house should be stirred once in a while, to let air in and let the manure down away from the reach of the birds.

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A LIGHT BULB hung under the car radiator for two hours will make the car start easier in cold weather, says Otto J. Bisinger, of Jackson county, Iowa.

▲▲▲

TWO BUSHELS of oats are worth one bushel of corn for fattening cattle if oats do not replace more than half of the corn. This report is from the Oklahoma experiment station.

▲▲▲

HAY-MOW doors in barns should always be closed in cold weather. Cold air drafts will come in the high openings and go out the doors below. Hogs or cattle exposed to these cold drafts will require a greater amount of feed for the same production.

▲▲▲

TO KEEP WATER out of the tractor crankcase in winter, drain a pint of oil from the crankcase each time the tractor is used. The pint of oil should be let out at the tractor drain plug about a half hour after the motor has been stopped.

▲▲▲

ROOF DOORS in small hog houses are turned into windows by Bert Shekey, of Humboldt county, Iowa. He makes a frame to fit the opening, and covers it with glass-cloth. The window can be inserted or taken out without a hammer or other tool.

▲▲▲

ANY ACCIDENT with your car, that causes bodily injury or $50 or more damage, must be reported by Iowa citizens within 24 hours. You can get a blank for the report from your sheriff, chief of police, or from your insurance company.

HENS WASTE less feed if poultry feeders are filled only half full.

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INSECTS don't work on stored grain much when temperatures are around 40 degrees or lower. They become most active at temperatures above 70 degrees.

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FIRST JOB in getting farm machinery ready for spring is to check it over for new parts needed. Then order parts so actual repair work can begin in January or February.

▲▲▲

BAWLING CATTLE and squealing hogs don't turn grain and roughage into meat and livestock products economically. Make the animals comfortable and they will pay you for it.

▲▲▲

BEWARE of strangers who drive thru the country offering new varieties of seed that will increase your yields. That's not where high-yielding varieties have come from in the past.

▲▲▲

A GOOD JOB of greasing farm implements is about as important as putting the implements in the shed for the winter. Use heavy grease on all polished surfaces, and fill all bearings until the grease oozes out.

▲▲▲

GROUND EAR CORN for feeding cattle is worth about as much pound for pound as shelled corn, according to some experiments. Feeders all agree that there's less risk in putting cattle on full feed with corn and cob meal than with shelled corn.

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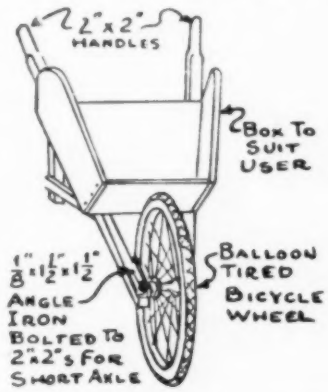
AN EASY-RUNNING wheelbarrow can be made in the farm shop with an old bicycle wheel. The hind wheel is better than the front wheel, as it has a heavier axle. The high wheel will go over



sticks, stones and soft ground easier than a low wheel. The only drawback is that the load will be farther from the axle, and heavy loads would put lots of weight on the handles.

▲▲▲

NEXT NEW MACHINE you will need on the farm may be a sprayer that will work in the corn field. Tests with 2,4-D in 1947 indicate that broad-leafed weeds can be killed in the corn without injury to the corn. Or, at least, the benefits to the corn from weed control are greater than the ill-effects of the spray.

Winter-ize with HI-V-I..

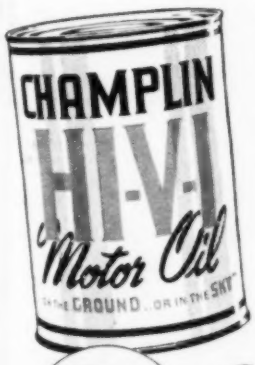
THE MOTOR OIL WITH A COLD-POUR TEST RATING OF 30° BELOW ZERO

Which means, Champlin HI-V-I is built to stand a rugged winter . . . to lubricate those close moving parts of a motor at sub-zero temperatures.

Champlin HI-V-I (High Viscosity Index) Motor Oil is a Dual-Solvent processed oil refined in Champlin's one large modern plant . . . from choice . . . rich . . . paraffin-base Mid Continent Crude, the finest obtainable.

This is your assurance of uniformity and quality . . . winter or summer.

HI-V-I is a Premium Oil that cleans your motor as it lubricates (and keeps it clean).



Whether it be your tractor, truck or car, play safe this winter with Champlin HI-V-I . . . the Motor Oil with . . .

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Twin-Action Lubrication

FLOWS FREELY AT ZERO AND BELOW

STANDS UP AT BOILING AND ABOVE

"End back breaking drudgery!"

PORTABLE AIR COMPRESSOR
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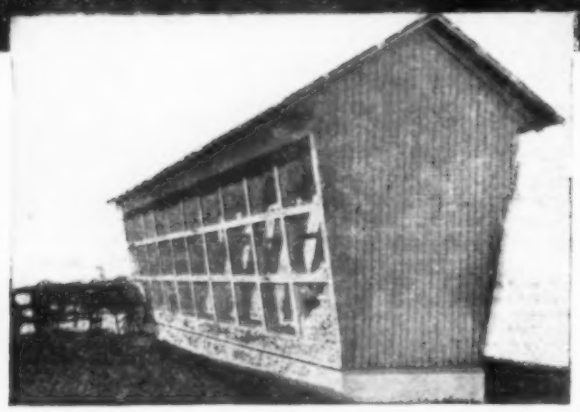
Use air power instead of man power inflating tires; greasing cars, tractors or machinery; spraying paint, insecticides, rust preventives; cleaning radiators, motors, machinery. You'll find scores of uses for the Tokheim Air Compressor. Easily carried! Welded steel construction. Electric or gasoline powered. Moderately priced. See your implement dealer or write factory for prompt delivery. General Products Div., Tokheim Oil Tank and Pump Co., Fort Wayne 1, Ind.

TOKHEIM FARM EQUIPMENT

A TIME AND LABOR SAVER ON EVERY FARM

—SAVE MONEY THE EASY WAY—BUY U. S. SAVINGS BONDS—

RAT-PROOFING SAVES GRAIN



2 men and a boy . . . can build a RAT-PROOF foundation for a 500-bushel CORN CRIB . . with 38 bags Lehigh Cement 4 cu. yds. sand and 4½ gravel . . . (1) in 24 hours with a concrete mixer*

According to Dr. Harold Gunderson, of Iowa State College, one rat eats about 50 pounds of grain per year . . . and ruins 150 more. Other authorities estimate that the rat population of America annually eats and wastes 200 million bushels of corn alone.

Starve out the rats and you will save bushels of grain. Your first step towards permanent rat-proofing is to build with a concrete foundation and floor. You will save money too, for concrete will add years to the life of your corn crib.

Your **Lehigh Dealer** can give you sound advice on the construction of concrete foundations for corn cribs, barns, poultry houses, many others. See him the next time you're in town.

*If your dealer can supply you with a ready mixed concrete, you can do this work with less labor.

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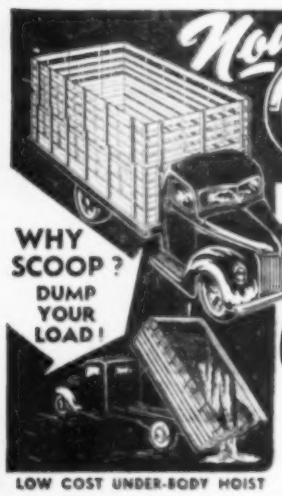

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HAWKEYE MUTUAL
HAIL INSURANCE ASSOCIATION

ESTABLISHED 1919 FORT DODGE, IOWA

Tips for December

Here are labor and money-saving ideas suggested by the farm management section at Iowa State College.

▲ ▲ ▲

GET ACCOUNTS in order now for your income tax report. Federal income tax estimates are due January 15. But chances are you will save yourself money by figuring your sales and expenses ahead of time. It is too easy to overlook some expense item when you wait until the last minute.

▲ ▲ ▲

FEED AS MUCH legume hay as you can to dairy cows. Balance rations with protein feed. Several northeast Iowa dairymen believe this is the best way to save grain with a dairy herd.

▲ ▲ ▲

KILL THOSE RATS. Three rats eat as much as two laying hens. Don't waste valuable feed on rats. Control them by poisoning, gassing and rat-proofing. Stewart Elson, Dallas county, Iowa, killed between 750 and 800 rats on his farm this fall. Then he rat-proofed his place at a cost of less than $100. He figures he'll save $1,000 worth of feed.

▲ ▲ ▲

DEEP LITTERS are labor-savers in the poultry house. You don't have to clean the house so often. Fred Ferguson, of Story county, Iowa, likes to use a poultry litter from 8 to 12 inches deep. A deep litter helps hold down moisture. Use crushed corn cobs, shredded corn fodder, chopped straw, shavings, sawdust, or even sand. Add to the litter from time to time to keep a good surface.

▲ ▲ ▲

BUILD chick feeders, hog feeders, hog and chick waterers, electric brooders and other small livestock equipment during the winter months. Then you will be ready to go when spring comes.

DAIRY CALVES need clean, dry pens. George Brown, Poweshiek county, Iowa, believes that calves should be kept out of drafts, too.

▲ ▲ ▲

FALL PIGS need well-bedded, comfortable quarters. Be sure that they have plenty of sleeping space.

▲ ▲ ▲

FEED ALFALFA to your brood sows. Ed Kral, Crawford county, Iowa, feeds third cutting of alfalfa to his brood sows during the winter. You'll be surprised how much they will eat. It will save high-cost protein feed. And you're almost sure to get more thrifty pigs next spring.

▲ ▲ ▲

INSECTS in shelled corn or small grain can cost you real money with present high grain prices. One Pottawattamie county, Iowa, farmer checks over his grain at this time of year to look for insects. He crawls over the grain on his hands and knees. A hard, damp, moldy crust of grain tells him there are insects below. He breaks up the crust. Then he pours one gallon of ethylene dichloride-carbon tetrachloride mixture for every 100 bushels on the surface of the crusted area.

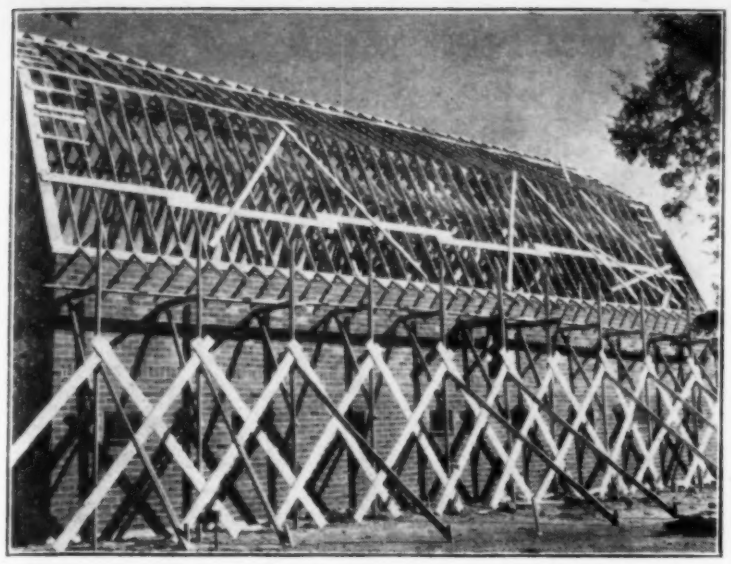
▲ ▲ ▲

CLEAN WATER helps to control poultry disease. Leo Ockenfels, Benton county, Iowa, believes fountains should be high enough off the floor so the hens will not scratch into the liquid. Water pans set on the floor offer hens a good chance to spread disease from one to another.

▲ ▲ ▲

CREAM SEPARATORS should be flushed with hot water before pouring in the milk. This warms the motor and steps up the speed of separation. Don't let water stand in the separator bowl overnight in winter-time.

PAW TUCKER — Anyway, That Ax Looks Suspicious Around Christmas Trees, Paw



All-Tile barn (except only roof and door frames) being built on the Carl Rolston farm, Dallas county, Iowa. Windows have steel frames; concrete mow floor is supported by 14 heavy I-beams.

He Uses Up-To-Date Ideas In New Barn

CARL Rolston, Dallas county, Iowa, has been storing up barn-building ideas for years. He's now putting the final touches on the barn he's always dreamed of.

Mow in Rolston barn has lots of room and concrete floor. Here Carl and daughter, Elaine, keep an eye on construction work.

Carl's new barn isn't the biggest nor most expensive in Iowa. But it's solidly built and convenient. See what you think of it.

Built of 5x8-inch hollow tile thruout, it measures 40x80 feet, with a 40-foot peak. All floors are reinforced concrete. Ground floor is five to six inches thick; mow floor is four inches thick, supported by 14 I-beams.

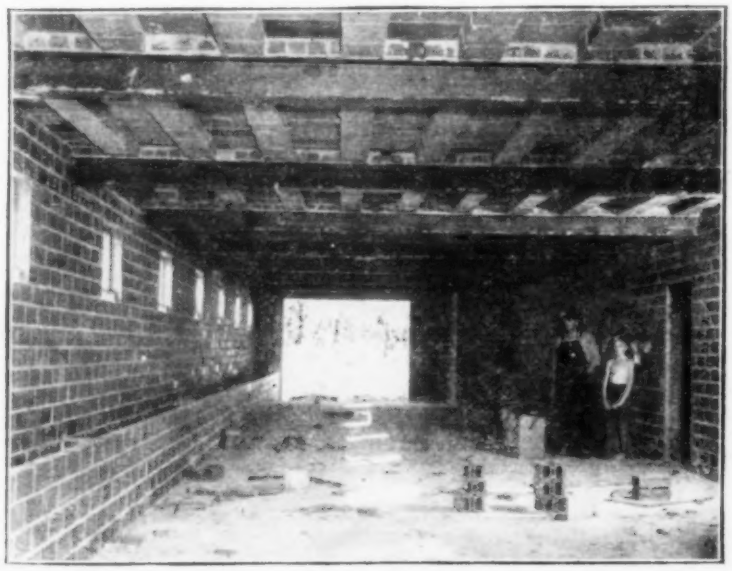
The rafters and door frames are made of wood; the window frames are of steel.

Carl is laying a 10-foot strip of concrete entirely around the barn, with a 40x40-foot concrete lot at the south end, around the silo and water tank.

Inside, the barn is divided up like this: A 20x80-foot cattle feeding room with tile manger; stanchions for eight cows; 5x24-foot calf pen; 5x6-foot milk room; four double horse stalls; grain bins filled from the outside.

Carl has plenty of windows in the barn. There are eight on the west side, six on the east. The mow has two doors and three windows.

The whole barn sits on a foundation that varies from four to five feet deep.



Cattle room in Rolston barn runs full length of barn on the west side, measures 20x80 feet. It has a 30-inch tile manger along one side. Note heavy I-beams which support the concrete mow floor.

Iowa Dairymen Prove 10-Inch Vacuum

MARLOW MILKER

J. C. Marlow

SAFE - FAST - SANITARY

"I purchased a high vacuum milker. After 3 months' use I was doing more milking than the milker was. I then bought the "New Modern Marlow Milker" with 10-inch vacuum. From then on I can't say enough for the Marlow Milker. Because it is fast, sanitary and the cows do not need to be stripped. The cows like it as much as I do," writes MYRON HAUGEN, CALMAR, IOWA.

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SANITARY, MODERN MILKING SERVICE

J. C. Marlow Milking Machine Company

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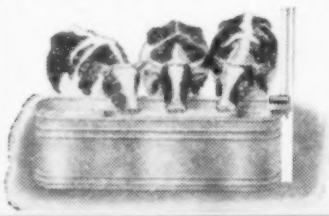
Now, get rid of another daily chore

Automatic Electric

HUDSON Lektrik Heet* Never Needs Attention

No more tiresome, every-day "tending" of the stock tank heater . . . no more waking up to find water frozen because the fire went out . . . no more waste of fuel on mild days! Just install a Hudson Lektrik-Heet in your stock tanks. Thermostat keeps water at desired temperature. Stock drink more, eat better, produce more. Fits any stock tank. Tested, proved, recommended by farmers in severest climates.



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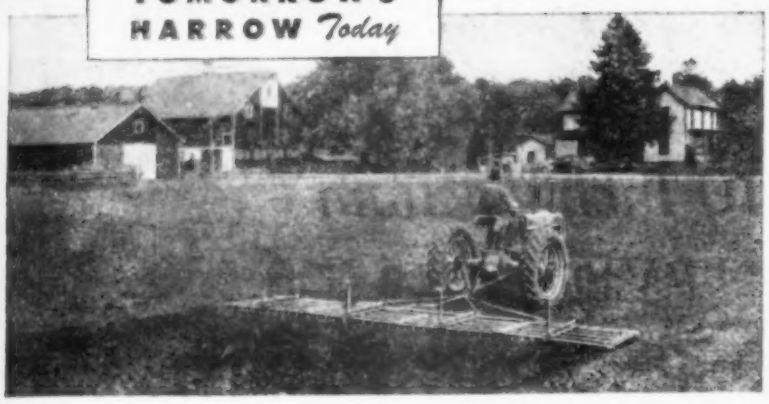
TOMORROW'S HARROW *Today*



THE KEWANEE out-performs any harrow ever built for *high-speed* power farming. Extra heavy and strong for *high speeds* and hard usage. Gets right down to the job and does effective work even in cloddy ground. Prepares better seedbeds, kills weeds, saves one or more cultivations and produces bigger crops.

The KEWANEE Handy Folding Harrow is new and *different*. Its features are original, **Patented** and exclusive. No other tillage tool is so profitable in time-saving, work-saving and crop-producing results.

Only KEWANEE has long **Welded Teeth** that take a real "bite" of the soil. Streamlined and self clearing. No clamps, bolts or extended teeth to gather trash. No delays or impaired work. Pays for itself and more the first year.

More teeth per section, diamond-shaped and dagger-pointed. Cuts every 7½ inches. *Finer pulverizing, better seedbeds—bigger crops!* **Patented Short-Center** tractor hitch.

Amazing Folding Feature! Two outer sections fold to go thru farm gates. Easy to transport. Easy to store. Farmers pronounce it the greatest improvement in all harrow history!

See your KEWANEE Dealer *today*. Don't be without America's No. 1 Harrow another year. Write for Free Folder. **Kewanee Machinery & Conveyor Co., Kewanee, Illinois.**

Kewanee All-Purpose Elevator

Engineered to handle big loads with the speed that's needed in these fast moving days of high-speed tractors, 2-row pickers and combines.

Extra Capacity, Extra Strength, Extra Value. Priced no higher than other leading makes of farm elevators.

Handles ear corn, small grain, baled hay, chopped feeds, soy beans and other farm products.

Portable and Bucket models. For any kind of power. All galvanized steel construction. Many exclusive features insure years of trouble-free service.

Plan now to store your crops the fast, easy modern way. The KEWANEE will give you years of profitable service. See the new basic engineering improvements. Investigate *today*.

"BUILT FOR SPEED"
Kewanee Handy Harrows Farm Elevators

New Patented Product brings SAFE Way to use Sodium Fluoride

U. S. D. A. Scientists find Sodium Fluoride Treatment sure death for Large Roundworms

Valuable added ingredients in Pay-U Worm Expeller "cushion shock" of worming, give mild laxative action, supply blood-building minerals . . .

KEEP PIGS GAINING DAILY *while* YOU SURE-KILL WORMS

Gone forever is the old-fashioned pig worming method that required starving, catching, wrestling, exciting and drenching. Now comes a new way of positively banishing large roundworms by simply mixing Pay-U Large Roundworm Expeller with feed.

This is the patented expeller containing sodium fluoride, the miracle ingredient recommended so highly by U.S. Dept. of Agriculture scientists as the most effective killer of large roundworms ever discovered. Thousands of tests indicate that not more than one worm out of twenty can come through alive.

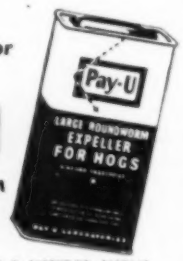
Death on Worms—SAFE for Pigs

To make Pay-U Expeller safe for pigs yet death on worms, other valuable ingredients are combined with sodium fluoride. These ingredients "cushion the shock" of worming, give a gentle laxative effect, and add extra blood-building minerals to the ration. Consequently, most pigs actually gain while being wormed!

Stop feed loss and growth loss due to worms! Authorities agree that, regardless of appearance, MOST HOGS HAVE WORMS. Get Pay-U and stop these losses *now!*

Ask your dealer for

Pay-U
LARGE ROUNDWORM EXPELLER for HOGS



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MINERALS • SARCOPTIC MANGE OIL • INSECTICIDE • DISINFECTANT • PAINT and DUSTING POWDER with DDT

PUT SOME OF THAT EXTRA CASH INTO U. S. SAVINGS BONDS

Iowa Entry in carcass class at International was Angus shown by Ardith Goecken, Page county 4-H member. Her steer was reserve champion on hoof, second place summer yearling on hook.

Best Carcass From Tenth Steer

Judging of Steers on Hoof and on Hook Brings Different Results at International

IF THE champions at livestock shows were selected according to the meat they produce, would the same animals win? Suppose judges weighed cuts of meat, figured dressing percentage and examined the lean for "marbling."

That was done at the International Livestock Show at Chicago. First, the animals were given placings on foot. Then they were killed and the carcasses judged.

Top steer carcass was from an animal shown by Purdue University. He was an Angus weighing 845 pounds on foot. He dressed out 64.49 per cent. He had been tenth on foot in the summer yearling class of 24 head.

Reserve champion carcass was from an animal shown by Edward Hamann & Sons, Cedar county, Iowa. He was also an Angus. He weighed 1,141 pounds on foot and dressed 68.41 per cent. He was among the first five, but did not win the blue ribbon on foot.

First place steer on foot in in junior yearlings didn't get in the first five places in the carcass contest. Neither did first place steer in summer yearlings get in the top five carcasses.

In a 10-barrow contest, Curtiss Candy Company, Chicago, had the best 10 carcasses. They were Yorkshires. But in the on-foot judging, Curtiss Yorkshires placed fourth.

For second place, live animal and carcass judging was closer. Eugene A. Spielman, of Lincoln county, South Dakota, showed reserve champion 10 hog carcasses. His Berkshires had placed first in live animal judging.

In naming the champion hog carcasses, a medium-weight carcass from a Berkshire, brought to the show by Michigan State College, got the prize. The barrow's weight was 249, and he dressed over 81 per cent.

Another Berkshire weighing 253 pounds produced the reserve champion carcass. This barrow dressed over 80 per cent.

Some were surprised that in each case the champion hog carcasses were selected from medium-weight hogs—about 250 pounds—rather than from the light-weight class, 200 to 230 pounds.

Ben Disch, Evansville, Wis., had the lamb that produced champion carcass. His 82-pound Southdown dressed 54.9 per cent. Oklahoma A. and M. College showed the second place carcass. It also was a Southdown weighing 95 pounds and dressing 56.8 per cent.

Iowa Lamb Carlots Place High

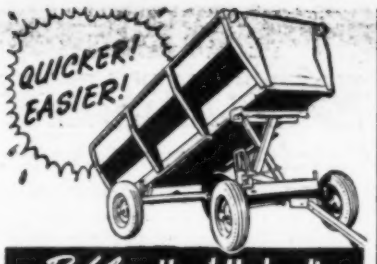
Iowa feed-lots sent most of the top carloads of range lambs to this year's International Livestock Exposition. But once again they couldn't match native lambs from farther east.

William Lensch, Scott county, Iowa, showed the best light and heavy loads of range lambs. Wilson Farm Company, Sac county, was second in both classes. Wilson also was third on heavies, with Walter Rich, Tama county, fourth.

The champion carload of the show was a group of natives—light Southdown crosses—shown by H. C. Besuden, Winchester, Ky.

In wether classes, Oklahoma A. and M. College showed the grand champion, a Shropshire. Ohio State University took the pen-of-three title with Southdowns. Iowa State College won four blues—on Hampshire and Oxford individuals and pens—and showed the reserve grand champion pen.

Only Iowa entrant in breeding sheep was KenRu Farm, Muscatine county, taking two seconds and four thirds on Corriedales.



Behlen Hand-Hydraulic
WAGON DUMPER

Here's a handy dumper! Takes only 90 seconds to dump heaviest loads. A boy can do it, like jacking up your car.

Dump anything — *anywhere!* Wagon box raises plenty high (see photo). Wheels stay on ground. No need to unhitch horses or tractor.

Behlen Hydraulic Wagon Dumper fits most all wagons. Reasonably priced. Thousands in use. Full particulars in FREE illustrated folder. Fill out coupon now!

Behlen Mfg. Co., Columbus, Nebraska

DON'T WAIT! MAIL TODAY!

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COLUMBUS, NEBR., DEPT. 312

Gentlemen:
Please send me FREE illustrated folder on Behlen Wagon Dumper, and name of conveniently located Behlen dealer.

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THE NEW Duplex ROTARY SCRAPER

Most modern, simplified scraper on the market. Automatically loads. Bulldoze backwards. Many other exclusive features. "Patd."

Write Today for Details and Literature
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Spike Tooth Harrows

World's best—most popular and lowest priced Lever and Flexible All-Steel Round Bar Spike Tooth Drag Harrows made. Write for folder, prices, etc.

CLIPPER FANNING MILLS

Clean, grade, separate all kinds of Seeds—Grain—Beans, etc. New model with incline sacking elevator is bigger, better, faster. Illustrated folder tells everything, including prices.

The "Wettschuracks" — Factory Distrs.
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Attend classes at the World's Largest Watchmaking School.

Day or evening classes

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350 Cuts Per Minute—cuts them down, saws them up, one man operates. Thousands in use, stiff heavy blade, built to last a lifetime, safety clutch control, uses power take-off of any tractor. Low price.
OTTAWA MFG. CO., 2-728 Forest Ave., Ottawa, Kan.

Wilensky Auto Parts Co.
New & Used Truck and Car Parts
1226-28 Washington Ave. No., Dept. W
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WELDER
NEW PORTABLE CHAMPION SPECIAL
Transformer Welder, 110-120 volts, AC. 3 heat [illegible] Welds, brazes, solders, cuts all metals. Complete with electrode holder, mask, rods, cable, [illegible]. [illegible] FLASH-WELD, [illegible]. Easy to [illegible]. Full directions. Spend for farm profits. Guarantee [illegible]
MAGIC ELECTRO WELDER COMPANY
229 NE Canal Street NEW YORK, N. Y.

OUTSIDE STUFF

IT WOULD not seem right to start judging at the International Livestock Show, in Chicago, without the presence of Frank Swingle, of the Wisconsin Agriculturist and Farmer.

He has helped his paper cover each International for 36 years.

• • •

I DON'T know that 36 years of practice has anything to do with it, but during the noon hour before the 1947 champions were picked, Swingle is the only fellow I visited with who "guessed" the steer champs correctly.

• • •

BACK in 1904, the grand champion was an 1870-pound critter, 38 months old. The steer, exhibited by the University of Minnesota, sold for 36 cents a pound.

• • •

THE 1904 champion had gained 1.62 pounds a day from birth to show time. The 1946 champion gained 2.03 pounds a day from birth to show time, and brought $10.50 per pound. Last year's champion was 22 months old.

This year, Claude Millwee's grand champion Shorthorn was less than 19 months old, weighed 1100 pounds, and sold for 88 a pound.

• • •

EVIDENTLY, styles have not changed as much in the carlot classes. Just the selling price. The 1903 winners weighed 1099, the champion 1946 load 1088. This year, Karl Hoffman's champion load of T-O bred Herefords averaged 1025, sold for $61.75 per hundred.

• • •

IOWA cattle feeders have monopolized the car-lot show since 1931. In 13 shows they have won 10 times.

J. D. Moeller, Schleswig, fed the winning car-lot in 1931. J. F. Mommsen, Miles, had winners in '32 and '36. Henry Harmsen, of Teeds Grove, had the top load in 1935. Schmidt Bros., Delmar, had a streak of wins until Hoffman nosed them out this year. Schmidt Bros. won in '37, '39, '40, '41, '46.

• • •

I'D BETTER quit talking about the International and wish all of you a Merry Christmas and a Happy New Year. I hope each one of us can do a little more next year than we've done this year, to spread the Christmas spirit thru all the days of the year.—W. D. I.

"Nine feet high—I hope you'll remember that next year."

TOO MUCH CORN?

OF COURSE NOT!
EVEN IF YOU HAD THE CORN YOU STILL COULDN'T AFFORD TO FEED IT ALONE

STOP and remember that concentrates have not gone up. GREEN TOP Hog Concentrate is about the same in price as always. It is important that we feed large amounts of protein feeds, properly balanced and mixed, such as GREEN TOP feeds.

LOOK at the facts. GREEN TOP feeds are the best that money can buy. 25 years of actual farm experience and practice are behind them. GREEN TOP feeds have a large amount of animal protein, scientifically balanced with vegetable proteins, vitamins and minerals. *YOU* can top the market with GREEN TOP FEEDS.

LISTEN to sound advice. Don't sell your brood sows. Keep them, feed what corn you can spare plus alfalfa and GREEN TOP mineralized protein. Hogs will demand a big price next year and you can't go wrong investing in GREEN TOP FEED.

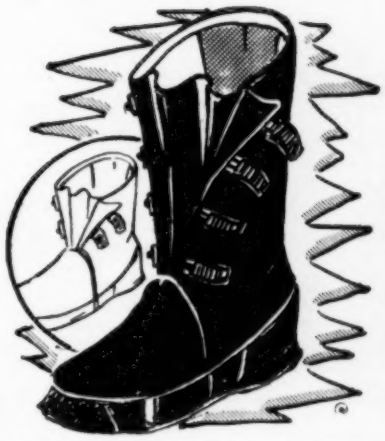
Investigate the GREEN TOP Laying Mash. GREEN TOP Grower Mash and GREEN TOP Egg Mash. They are all winners. ASK FOR A COPY of "THE WINNING COMBINATION" by the Old Timer. A good book on feeding, and still available for the asking.

NATIONAL FEED AND SUPPLY CO.
E. 19th and Maury Des Moines, Iowa

MERRY CHRISTMAS and A HAPPY NEW YEAR

10,000 PAIR
WAR SURPLUS 2 AND 4 BUCKLE
RUBBERIZED
OVERSHOES

FOR ONLY 1.98 PAIR
While They Last



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• HEAVY DUTY

Built to stand many years of hard service!

Get ready for winter. Protect your feet with these newly released Government surplus rubberized 2 and 4 buckle overshoes. Made of tough, durable rubber base and warm cloth top that will wear a lifetime! Just like new. In excellent condition, easily worth $5.00 a pair. Sizes 7 to 12.

SEND NO MONEY! Just send name, address, number of pair wanted and size and on delivery pay postman $1.98 for each pair plus C.O.D. and postage charges. If you prefer, send only $1.98 for each pair plus 25c postage and save C.O.D. charges.

Satisfaction guaranteed or money refunded

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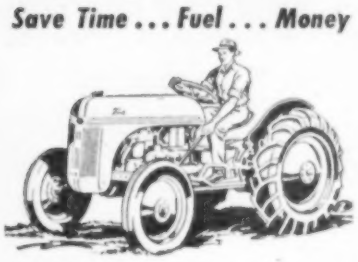
Save Time . . . Fuel . . . Money



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You'll get the *right* tractor speed for every job you do . . . with every implement you use.

You won't be dependent on throttle speed. Your Ford tractor will do more work for you every day. It will plow 2 more acres—cultivate 6 to 15 more acres—mow 11 more acres. You'll get better and higher production and make more money.

You'll operate in the economy range . . . at half throttle—Half-throttle speed is easy on gasoline. You save money every foot you move!

You get 2 gear speeds between 2nd and high—You'll have speeds of 4 and 5 m.p.h. . . . at half throttle!

You get 2 power take-off speeds—You get an extra belt speed—up to 60% more speed without speeding up the engine to its full limit!

You get increased tractor speed—No matter what your job, you'll do it faster . . . save time . . . get more work done.

You get reduced engine speed—The Step-Up Transmission lets your engine "take it easy." And that means less wear and tear . . . less maintenance . . . longer life.

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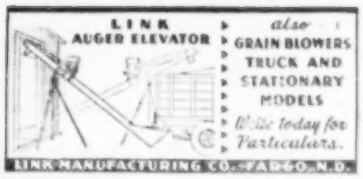
Proved by More Than 44,000 Owners!

FREE!—Write TODAY for free folder describing the Sherman Step-Up Transmission and how it can help you save time and money.

See Your Ford Tractor Dealer TODAY!

SHERMAN PRODUCTS INC.
ROYAL OAK, MICHIGAN



PATENTS Write for information on what form an inventor should take to secure a patent.
Randolph & Beavers, 506 Columbian Bldg., Wash. 1, D.C.

—Our Ads Are News—

Washington Wire

Congress Fidgets, Guesses, Waits

There Will Be No Ceilings Put On Hog And Cattle Prices For Weeks, If At All

WASHINGTON, D. C. — Will congress put ceilings on hog and cattle prices? Not for six weeks at least, and maybe never.

Congress is worried, but afraid to make a move.

Consumers are howling about high food prices now. The howls will get louder later on.

But a Republican congress hates to give President Truman power to put ceilings on prices, to ration supplies and to check inflation.

Actually, the president might not exercise these powers if he got them. Anything you do in this field is bound to make somebody mad.

That's bad business in an election year.

The administration has come out in support of farmers cooperatives. Cooperatives have been under fire lately by some business groups.

Iowa PMA Chairman Al Loveland has been appointed to new job in Washington, D. C.

Secretary of Agriculture Anderson laid down the party line in a talk before representatives of farm cooperatives at Everett, Wash.

"The Truman administration is for farmer cooperatives," declared Anderson. "I say that with the specific authorization of President Truman himself."

He added that the administration is for cooperatives because they serve "the cause of individual free enterprise and protect the family farm."

Al Loveland, of Bremer county, Iowa, is coming to Washington as head of the agricultural conservation branch of the Production and Marketing Administration.

Loveland, Iowa's AAA chairman, is one of several Iowans who have come to Washington in agricultural jobs since 1933.

William MacArthur, now in charge of grain buying for Commodity Credit, was on the old AAA state committee. O. D. Klein was state chairman before going to Washington in charge of special programs under Ed Dodd.

"Sollie" Evans was state chairman before he became AAA administrator and later a governor of the Federal Reserve Board. Jack Kimberley, former Iowa AAA field man, is now with the Washington office of PMA.

Altho congress planned to cut AAA down to 150 million dollars in 1948, the budget is to ask for the full 300 millions. Both the extension service and the Soil Conservation Service are rivals of the old AAA for this money. So Loveland is landing in a hot spot.

When do Steagall supports end? The law says December 31, 1948.

But some lawyers in the Department of Agriculture say that support must be given to crops during the entire marketing period.

Corn planted in the spring of 1948 will be marketed into the late summer of 1949. So support prices would hold that long into 1949.

The lawyers, however, are baffled by livestock problems. Farmers, planning for a crop of hogs, might have sows bred in December of 1948. Would supports last until the spring pigs of 1949 were marketed, maybe in 1950?

Congress will probably have to spell this out. One suggestion is to extend Steagall supports thru 1949, at the same rates, and make every kind of support end December 31, 1949.

Butter is getting to be less important in the east. Up to date, whole milk prices in many areas have been based on butterfat prices.

In many an eastern market, the price of whole milk rose if butter and powdered milk prices went up. Or fell when prices on those products dropped.

Now some eastern milk producers say that butter is no longer that important. Another way of figuring whole milk prices should be used.

A committee from the Boston market recently recommended a new formula which would take into account:

1. General price level.
2. Cost of feed and labor.
3. Department store sales in New England, as a measure of consumer buying power.

If this change goes thru, eastern dairymen won't care much what happens to butter prices. The corn belt butter producer will have to hoe his own row.

Now that the campaign to rid Mexico of the dreaded foot-and-mouth disease among livestock by means of slaughter of infected or exposed animals has been dropped, vigorous efforts to develop an effective vaccine are planned.

Meanwhile, the United States faces the prospect of having to live with the disease south of its border for many years to come.

FREE BOOKLET

Latest information on tractor tire traction

Every farmer who owns a tractor ought to have the latest information on tractor tire traction. This free B. F. Goodrich booklet tells how engineers studied the farmer's problems, trying out hundreds of different tire tread designs to learn more about traction. It explains why they designed a tire with an open center, why cleats are spaced as they are, and just what it takes to get full traction. Other subjects included are:

How to use liquid weights
Rules for tractor tire care
Inflation tables
Anti-freeze chart
How to cut down steel wheels
Other money-saving information

For your *free copy* just write your name and address on a post card and send to:

B. F. Goodrich, Dept. 115, Akron, O.

Post Hole Digger and Sickle-Bar Attachment Available

2 speeds for cutting heavy brush and for road travel. Propels itself as it saws on hills and level ground. Use powerful engine for belt jobs when not sawing. Buzz Master eliminates drudgery of clearing land, making fence and mowing. OTTAWA leads for fast and profitable sawing. Strictly a one-man machine. A woman or boy can operate. It costs too little to do without. Sold only direct to user. Patents pending on valuable and necessary features. Largest manufacturers of wood sawing machinery in the world. Beats pushing out trees with heavy machinery. Make BIG money on custom work. Write for FREE details and rock-bottom prices.

OTTAWA MFG. CO., 1-728 Willow, Ottawa, Kan.

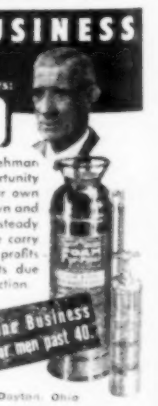
For filling the milk pail or putting on extra pounds of beef, provide your dairy cow or feeding steers with KIDMAN'S in their regular rations. Also for Hogs, Sheep and Poultry.

STANDARD STOCK POWDER CO.
Dept. W-1 Des Moines, Iowa

START A BUSINESS AT HOME...

Like John Lehman, Who Says:

"The complete Fyr-Fyter extinguisher line gives me a steady income and real independence."



Yes, capable men like John Lehman will find an outstanding opportunity with Fyr-Fyter. You can be your own boss . . . operate in your own town and vicinity . . . build a permanent, steady income. No capital needed. We carry accounts, make deliveries, pay profits weekly. Thousands of prospects due to the vast need for fire protection.

Write for FREE BOOK

FYR-FYTER CO. Dept. FA-36, Dayton, Ohio

WORMY PIGS? Doctor Hinrichs' Hog Powder. Fed in feed. No worming. 5 lbs. $3 Postpaid. HINRICHS REMEDY CO. WALCOTT, IOWA

SICK COWS need DR. DAVID ROBERTS LAXOTONE

Loss of appetite in a cow usually means that she is SICK . . . perhaps suffering from constipation caused by partial paralysis of the bowels. Instead of drenching for this condition, give Dr. David Roberts LAXOTONE, dry on the tongue. It's much safer, more dependable . . . and easier both for you and the cow. Keep a can of LAXOTONE handy all the time.

ORDER FROM YOUR DEALER OR DIRECT IF NO DEALER

USE THE CONVENIENT COUPON BELOW

There is a Dr. David Roberts prescription for most curable animal ailments.

DR. DAVID ROBERTS VETERINARY CO., Inc.

5 Grand Avenue, Waukesha, Wisconsin

Ship at once, LAXOTONE as follows:

.....10 oz. cans at $1.00 - - - $.....

☐ Cash enclosed for $.....

☐ Send C.O.D. and I will pay Postman

Name.....

Address.....

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SPECIAL 100 LB. BOX OF 4 VARIETIES FROZEN—

30 lb. Boneless Ciscos, 1 lb. pkgs.
20 lb. Northern Pike, Hdls., dr.
20 lb. Black Cod, Hdls., dr.
30 lb. Bluefin, herring, rd.
} $19.00

One-half of each kind, 50 lb. box $9.75

Pickerel, round, pound 15c; Pickerel, headless, dressed 18c; jumbo rd. yellow perch, 25c; herring, rd. 9c; bullheads, skinned dr. hdls., fancy blood red, 25c; pike, walleye, rd. 28c; catfish, hdls. dr. 26c; whitefish, dr. 22c; salmon 35c; halibut 35c; carp, rd. 6c; hdls. dr. 10c; suckers, large, rd. 7½c. Ocean pike, hdl. dr. 15 lb. box $2.40. Boneless fish fillets, fancy, 10 lb. boxes—ocean perch $3.20; ocean pike $2.80; northern pike $2.80; cod $2.80; walleye pike $6.00; Jumbo shrimp, 5 lb. box $4.50. Smoked fish, 10 lb. cartons—bluefins $2.00, chubs $3.00. Chunk whitefish $3.80, chunk sable $3.80, chunk salmon $5.00. Prepared Lutefisk, 50 lb. tub $8.50, fresh oysters, gal. can $6.00. Salted flat lake herring, 100 lb. keg $16.00. Our quality guaranteed. Dealers in fish 48 years.

WISCONSIN FISHING CO.

Dept. 4, P. O. Box 184 Green Bay, Wis.

dehydrated ALFALFA MEAL provides Pasture in the Bag the year 'round

A great grain conserver. Be sure the feeds you buy contain ample quantities

DEHYDRATED ALFALFA MEAL

Write for FREE booklet ALFALFA FEED FACTS YOU SHOULD KNOW

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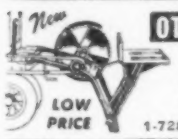

OTTAWA Wood Saw FOR TRACTORS

Fast wood sawing, quickly pays for self. Easily moved while attached. Big blade. Free details.

OTTAWA MFG. CO.

1-728 Oak Ave., Ottawa, Kans.

—OUR ADS ARE NEWS—

Farm News Briefs

IOWA'S 1947 corn crop averaged 18.9 per cent moisture content on November 20, lowest for the date since 1942.

▲ ▲ ▲

CORN LOAN and purchase rates for 1947 corn in Iowa range from $1.28 in the northwest part of the state to $1.34 in the southeast.

▲ ▲ ▲

CATTLE AND HOGS butchered under federal inspection in the first week of December were close to the all-time December record.

▲ ▲ ▲

NEW PRESIDENT of the Iowa State Fair board is H. L. Pike, Monona county. He succeeds J. P. Mullen, Pocahontas, who becomes president emeritus. Mullen had been on the board since 1911, president since 1931. Pike joined the board in 1901.

▲ ▲ ▲

THREE IOWA extension workers got distinguished service awards when county agents held their annual meeting in Chicago. They were Extension Directors Howard Hamilton, of Cedar county; Walter Eyre, of Des Moines county, and Clifford Johnson, of West Pottawattamie county.

▲ ▲ ▲

CALHOUN county's home economist, Mrs. Luella M. Condon, is one of two Iowans honored by the national county home agents association. She was elected president of the group. Esther Klingebiel, Woodbury county, was named Iowa's top 1947 home economist.

▲ ▲ ▲

OSCAR HELINE, of Cherokee county, Iowa, has been re-elected a director of the Omaha Farm Credit Administration. Heline—who is president of the Iowa Farmers Grain Dealers Association—represents Iowa, Nebraska, South Dakota and Wyoming cooperatives on the Farm Credit board.

▲ ▲ ▲

IOWA'S "Christian Christmas" European relief drive, in which each farm family in the state will be asked to donate four bushels of corn or its equivalent, is scheduled for December 22, 23 and 24. The drive is sponsored by the Iowa Farm Bureau, with the help of religious groups, both Protestant and Catholic.

TO WASHINGTON

Albert J. Loveland, state chairman of the Production and Marketing Administration (the state office of AAA), will leave Iowa to become director of the PMA branch in charge of conservation practices.

This is the division of PMA that makes payments to farmers thruout the U. S. for liming, fertilizing, dam building, contouring, terracing and similar practices.

Loveland is a Bremer county farmer who served as township and county committeeman during the early days of AAA. Later, he served as a state field man, and in 1941 became state AAA chairman.

NOW IS THE TIME TO STOP RUST

For Full Protection— Use RUST-OLEUM

THIS FREE CATALOG TELLS HOW

Save your tractor, implements and other farm machinery from severe rust damage this winter. Rust losses are more costly than normal wear and tear in field use. Safeguard your investment in hard-to-get equipment. *Protect it with Rust-Oleum Rust Preventive Coatings.* Rust-Oleum is available in standard implement finishes to match manufacturers' original colors. Rust-Oleum rustproofs metal against snow, ice, rain and other destructive elements. It protects machinery stored in the open or in damp, unheated sheds. Rust-Oleum gives positive, low-cost protection and *can be applied over metal already rusted.*

DON'T PUT IT OFF! *Now* is the time to overhaul and recondition your equipment. Avoid spring delays! Be ready to push field work when good weather opens up. DO IT NOW! See your dealer today!

FOR TEMPORARY PROTECTION USE R-9

Ideal for discs, ploughshares, harrows and other metal surfaces that need economical protection from season to season. R-9 dries to a firm finish that does not rub off on hands or clothing. It's quickly removed by gasoline, kerosene or ordinary solvents, or just let wear off.

GET ALL THE FACTS—Mail This Coupon NOW!

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2459 Oakton Street, Evanston, Illinois

Please send me a free copy of the new Rust-Oleum Catalog of color selections and recommended uses.

Name _____

Title _____

Company _____

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fresh frozen FISH

Fresh from the water to you!

Order Today this Special "Skipper Sam" Assortment

Guaranteed fresh caught, dressed and headless fish

25 LBS. FLOUNDERS
25 LBS. ROCKFISH
25 LBS. PICKEREL
25 LBS. BASS
} $22.50

½ of each kind, 50 lbs. $12.50

You will like our SMOKED FISH—Ready to eat.

Can also ship 50 lbs. or more: Walleyed Pike, per lb., 37c; Whitefish, 30c; Whiting, 20c; Sablefish, 26c; Salmon, 41c; Halibut, 41c; Haddock, 25c.

Packed in 10 lb. cartons: Tulibee Whitefish, $3.75; Mullets, $3.00; Bass, $3.75; Bluefins, $2.75.

FAST EXPRESS shipment on all orders. Write for illustrated fish folder and price list.

New Protective Feature

REFRIGERATED SHIPPING PROTECTION. FISH PACKED IN DOUBLE BOXES WITH DRY ICE

SAM JOHNSON & SON'S FISHERIES, INC.

★ WHOLESALE FISHERMEN SINCE 1897 ★

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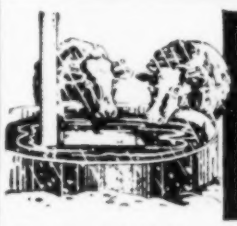

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The low cost, highly efficient Siebring Stock Tank Heater, prevents freezing of water even at sub-zero temperatures. Trouble-free; easy to operate; runs week at a time without attention. Choice of 6 models.

SIEBRING Stock Tank HEATER

Only $33.00

ASK YOUR DEALER OR WRITE TO

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POULTRY HOUSES

CHAMPION "Ready-Built"

LOW FACTORY PRICES

Immediate Delivery

HOG HOUSES

LAYING HOUSES, sizes for few hens to 1,000. BROODER HOUSES, easy to heat. FARROWING HOUSES, snug and warm. Permanent, portable, easy to assemble. Also Grain Bins, Corn Cribs, Silos, Garages, etc. The modern line built by pioneer manufacturers. Write direct to

WESTERN SILO COMPANY Department W-12 WEST DES MOINES, IOWA

"Beats all, Zeke, what BLENN can do!"

Blenn
Swift's Plus-Value Plant Food for Grain

We admit Zeke's bragging is on the *tall* side. But you have to believe down-to-earth farmers who find that BLENN, Swift's plus-value plant food, gives highly profitable results on corn and other grain crops. That's because it is tailor-made for these crops. You'll find the proof in extra yields and quality grain at harvest-time.

BLENN supplies the special growth elements grain crops need. It helps make deep-spreading, strong root systems. You can expect big ears and long heads filled with plump grain when you feed BLENN. Use it if you want a strong, sturdy crop that will come through with a bumper harvest.

Order BLENN today from your Authorized Swift Agent.

Buy at the sign of the RED STEER!

SWIFT & COMPANY

Service Bureau

Split Cost Of 2, 4-D?

To the Editor: How do you think the landlord and tenant should divide the expense of chemicals for weed control? On my place, we have patches of severe weed infestation, and want to use chemical sprays on those patches as well as the rest of the farm. The tenant has the spraying machine and will furnish labor.—D. L. D., Hancock County, Iowa.

The same division of costs you make on fertilizer applied to corn could apply to the cost of 2, 4-D or other chemicals for weed control.

Usually, fertilizer costs are divided 50-50, or landlord 60, tenant 40, to allow for the tenant's extra labor.

If you eradicate weeds, both you and the tenant will benefit from extra yields. The day is coming when a spraying machine will be a regular piece of farm equipment, like a cultivator, since there are so many uses for it. It seems fair for the tenant to furnish the machine and labor.

Under the Iowa weed law, if the county had to come in and eradicate a severe infestation of noxious weeds, the cost would be taxed to the land. But your lease probably passes the duty of weed control on to the tenant, so a division of expense for chemicals is in order.

In some cases, such a 50-50 or 60-40 division would not be fair. Suppose there are several acres of land so infested with thistles as to be practically "waste" land. Or there is a fence row filled with poison ivy.

In either case, there would not be any crop benefit the first year. The tenant might not want to buy half the chemical, apply it, and then move before he got any of the benefits.

In such an instance, it seems the tenant has made his fair contribution if he furnishes the machine and the labor. The landlord ought to be willing to buy the material.

If the tenant has a long-term lease, he can expect benefits from a clean-up campaign and can afford to share the cost.

What do other readers think?

"My, such a fuss over one little bitty Christmas tree."

FLASH!
BRAND NEW 100% Wool NAVY WATCH CAPS

ONLY 98c

Made of 100% closely knitted Virgin wool for extra warmth.

- For Hockey and Ice Skating
- For Sportsmen
- For Dockhands and all outdoor activity

Our sailors' favorite cap on "Watch at Sea" Easily worth $2.00

C. O. D.'s ACCEPTED

COUPON
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3244 W. Roosevelt Rd., Chicago, Illinois.
Please send me ... 100% Wool Navy Watch Caps.
Add 15c for postage!
Name .....
Address .....
City ..... State
(Ill. Res. Add 2% for Ret. Occ. Tax)

NOW! GET A FARM HOIST

• MAKE A DUMP TRUCK OUT OF ANY FARM BODY

YOU can find out all about Anthony Farm Hoists from any truck dealer....find out how easy and inexpensive it is to make a dump truck out of your own platform, stake or grain body. Anthony "ZB" Underbody Farm Hoists save shoveling grain, coal, lime, gravel, produce....IN USE 12 MONTHS OF THE YEAR. Low loading height. Powerful, long-lasting, efficient. Thousands in use. Made by truck hoist specialists. Write factory for name of distributor.

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Jay DeNeui, Cedar Falls, Iowa, put in 26 acres, got 95 bu. per acre. Received $3,592.00 cash for crop.

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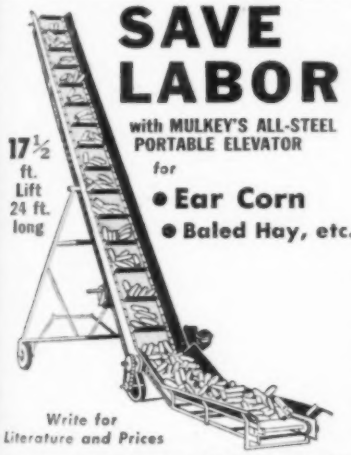

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Reserve champion of the junior show. This picture was taken in International show-ring, as Vern Carlson, of Camanche, Clinton county, Iowa, was parading his calf before Judge Richard S. de Quincey, of Bodenham, England. The calf sold for $3 per pound.

FFA Boy's Calf Won Championship

Iowa 4-H Boy Exhibited Reserve Champion Calf in the International Junior Steer Show

CLAUDE Millwee, 17, of Fort Cobb, Okla., paid $75 for a Shorthorn calf about a year and a half ago. After the fat steer show at the International Livestock Show was over, Millwee had the kind of margin that every cattle feeder dreams about.

The 1,100-pound calf sold for $8 a pound. Millwee also got a breed association prize of $1,000. His calf had been the champion Shorthorn at the Oklahoma State Fair, as well as champion in the FFA classes at the American Royal Livestock Show, in Kansas City, Mo.

At Chicago, the calf won in his class, and went on to win the championship of the junior feeder show and the open fat steer show.

At the International this year, the steers were shown by age groups rather than by weight classes.

Vern Carlson, of Clinton county, Iowa, had the champion Angus and reserve champion calf in the junior feeding contest.

In several classes, Iowa boys and girls copped most of the ribbons. In the Shorthorn summer yearling class, for example, in second and third place, below Millwee's calf, were steers fed by Neal D. Anderson, of Cherokee county, and Robert Holz, Greene county.

In the junior yearling Hereford class, the calf shown by Ralph Halstrom, Cherokee county, stood second to the calf that was named champion Hereford of the junior show.

In Angus junior yearlings, born between January 1 and April 30, 1946, Howard Ritter, of Jasper county, took first place, and Joan Schmidt, of Clinton county, got third.

Summer yearlings (calves born between May 1 and August 30, 1946) saw a heavy majority of Iowa winners. In Herefords, ribbons for second, fourth, fifth, eighth, ninth and tenth places went to Wayne Gosch, Ida county; Eunice Augustine, Carroll county; Halstrom; Vernon Mickelson, Buena Vista county; Dean Robertson, Guthrie county, and Bob Foster, Washington county.

The first six ribbons in the summer yearling Aberdeen Angus class went to Iowa boys and girls in the following order:

Lucille Ritter, Jasper county; Jimmy Anderson, Cherokee county; Ardith Goecker, Page county; Howard Ritter; Glen Nelson, Audubon county, and Donald Van-Haalen, Marion county.

Senior calves are those born between September 1 and November 30, 1946. In Shorthorns, Margaret Ann Smith, O'Brien county, and Stanley Held, of Plymouth county, had seventh and eighth places. James Gannon, Clinton county, had eighth place Hereford in that age group.

It was in the Angus senior calf class that Carlson's reserve champion won the blue. Harvey Henry, Warren county, stood second to the Carlson entry.

Junior calves are the babies of the show. They must be born after December 1, 1946. Stanley Held took second place in the Shorthorn class.

Iowa boys and girls were not in the money in the market barrow or wether classes.

Miriam E. Meyer, 4-H girl, Crescent City, Ill., won barrow grand championship with her 260-pound Chester. Arlo Jenssen, Garber, Okla., exhibited the champion fat lamb in the junior show.

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Ask your MoorMan Man about these safe, effective expellers, or write Moorman Mfg. Co., Dept. S-12, Quincy, Ill.

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Homemaking Department

Christmas Dinner

CHRISTMAS dinner is just as much a part of the Christmas Day celebration as opening gifts or lighting the tree. It may be a special dinner with friends or relatives, or just a family affair. But, all the same, it's always a very special meal.

Perhaps you have some special recipe that you serve every Christmas—such as Grandmother's plum pudding from the east, or molded salad that the children always expect. Many folks have these traditional dishes that are a part of their holiday.

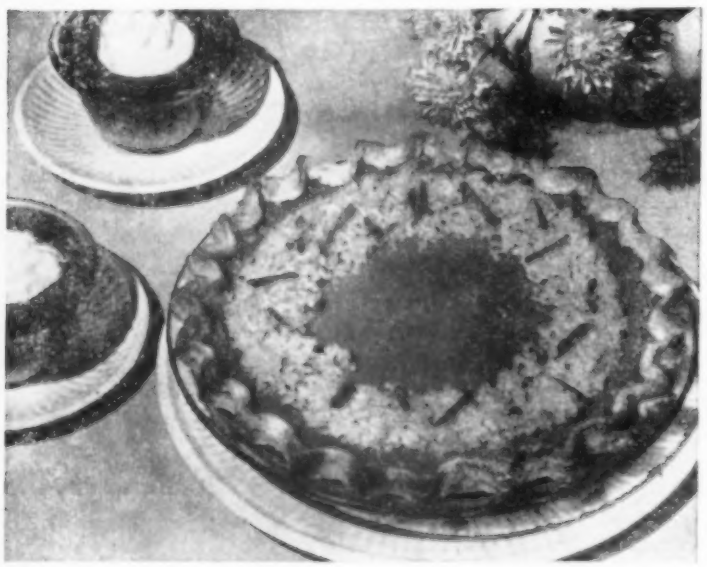
Some good, old favorites are liked by every family—turkey and pumpkin pie, for instance. Suggestions here may make the Christmas dinner something for the family to remember.

Favorite Savory Stuffing

Cook one pint of chopped celery, one-half cup of chopped parsley and four tablespoons of onion in three-fourths cup of melted fat for a few minutes. Add to two quarts of bread crumbs and a teaspoon of sweet marjoram, thyme or sage, and stir all together. Salt and pepper to taste. Nuts, dried apricots or prunes, raisins or tart apples may be added for variety. This will make enough stuffing for a 10 to 12 pound turkey.

Hints on Carving

Insert fork across highest point of breast-bone; sever leg at thigh and separate drumstick from second joint. Cut around top of wing joint as far as you can. Complete disjointing by upward cut under wing. Beginning parallel with highest ridge of breast-bone, work down toward neck. Cut thin slices of breast meat and place them along edge of platter. Leg joints may be split lengthwise or sliced. Wings may be divided into two pieces and split lengthwise.



Here's something new in pumpkin pie. A top garnish of grated sharp cheese and tiny slivers of candied ginger make this pie something extra special. Part of the pumpkin will be used for the pie filling and the remainder may be baked in custard cups.

De Luxe Pumpkin Pie

- 2 large eggs
- ¾ cup of sugar
- ½ teaspoon each of ginger, nutmeg, ground cloves and salt
- 1¾ cups of canned pumpkin
- 1½ cups of milk
- Pastry
- ¼ pound of sharp cheese
- Ginger strips

Beat the eggs in a mixing bowl. Add sugar, spices, salt and pumpkin. Mix well. Add milk and stir until mixture is smooth. Fill a pastry-lined piepan with pumpkin mixture. Bake in a hot oven (450 degrees) for 10 minutes. Reduce the heat to a moderate oven (350 degrees) and continue to bake for about 45 minutes, or until the mixture is firm and the crust is well browned. Garnish with grated cheese and strips of ginger. Makes one nine-inch pie.

In the picture at the right are shown some crisp, fruity companions for a cup of tea or a glass of milk. These are shaped either with a scalloped cooky cutter or a doughnut cutter, but, of course, any other shape of cutter may be used.

Mincemeat Tarts

- 2 cups of sifted enriched flour
- 1 teaspoon of salt
- ⅔ cup of shortening
- 3 to 5 tablespoons of cold water
- 1½ cups of mincemeat

Sift together the flour and the salt. Then cut or rub in the shortening. Add the cold water, and mix to a dry, crumbly dough. Toss onto a lightly floured pastry cloth. Press the dough together. Roll out to one-eighth of an inch in thickness. Cut twelve three-inch scalloped rounds and 12 two and one-half inch doughnut rounds. Place the scalloped rounds on an ungreased baking sheet. Put two tablespoons of mincemeat on each of the rounds. Top with the doughnut rounds, and seal the edges together. Bake in a hot oven (450 degrees) for from 12 to 15 minutes.

Christmas Left-Overs

Soup and Hash Aren't the Only Ways to Use Up Turkey and Dressing

THIS article is written only for cooks with imagination. However, if you're a brand-new cook who uses exact measurements, these suggestions may be a good starter in helping you to add a touch of this, a pinch of that, and "your judgment."

Those who can do that are the inspired cooks whose meals are full of delicious surprises and who can keep their grocery bills down because a left-over isn't a problem but a challenge.

Take those scalloped oysters, for instance. When you fix the Christmas Day dish, save out as much of the liquid as you dare.

Make a cup of white sauce, add the liquid, crumble in the left-over scalloped oysters and crackers and add a little cooked rice—

Going to school is fine, but coming home from school at night is still better, says Janese Francis, of Davis county, Iowa.

from one-half to a cup, and two or three tablespoons of chopped mushrooms, a dash of Worcestershire sauce and a shake or two of cayenne pepper. Spread in a shallow dish and top with several strips of bacon cut in halves.

You'll probably not have many sweet potatoes left over, but you don't need many to mash and beat into a thick batter with milk, salt and butter. To this add from one-half to one cup of pecan meats and the same amount of chopped dates. Mix well. Cover with slightly crushed corn flakes dotted with butter, and bake.

If you're going to have women relatives in for lunch, fix this dish ahead of time and stick it in the oven a half-hour before serving time. Serve it with turkey salad in lettuce cups.

For turkey salad, you will select the very nicest bits left, to cube or to cut into bite size.

Add diced celery, pimientos and pineapple. It's amazing how many left-over meat dishes can be elevated to the "yum-yummy" stage with pineapple cubes, juice or browned rings.

Add a few chilled, cooked raisins or use them raw after they've been soaked until plump. A couple of cottage cheese stuffed prunes make a delectable garnish.

For hot breads, make apple muffins. Use one-half cup of sugar to a two-cups-of-flour recipe, and a cup of finely chopped apples. Sprinkle two tablespoons of sugar mixed with one-half teaspoon of cinnamon over the top.

But, to finish off that turkey. Instead of soup, try a souffle or casserole, with some knockout trifle or other added to it.

Cook up the bones with onion, celery, rice and carrots, and a bit of green pepper. Dip out the bones and save the soup and finely diced vegetables to use instead of milk for your dish.

Dice one or more cups of turkey meat and make a medium white sauce with the soup instead of milk. Add three slightly beaten egg yolks and about a half cup of grated cheese. Mix all ingredients with seasoning and fold in three egg whites.

If the family finds casseroles and souffles a little dry, use milk for the white sauce and thicken the soup stock for a sauce to pour over the souffle.

Left-over stuffing takes on new life with three beaten eggs and a little soup stock made with lots and lots of onion and celery in it, for moistening. Bake in a moderate oven.

Left-over mashed potatoes draw a groan from the cook, but let daughter have some fun—and experience.

Run the left-over potatoes thru a ricer and mix with one or two beaten eggs. Make potato nests in shallow muffin tins or in a shallow baking dish. A few spoonfuls of onion or green pepper, frizzled with butter and mixed with the potatoes, add a special flavor.

Pour cheese sauce or creamed chicken or turkey in the nests, cap with a mashed potato layer, and bake. If the shallow dish is used, bake until almost done, lower oven heat and spread a meringue of two or three beaten and salted egg whites over all. Then replace in oven until egg whites are set and browned.

Fruit cake is supposed to go on and on forever. But sometimes it doesn't. Moderns often prefer dates to raisins in fruit cake, and gumdrops to candied citron, etc.

This is a fruit cake that does not have to ripen, and is easier and cheaper than many of the old recipes, and it keeps indefinitely.

Boil two cups of seedless raisins or dates in two cups of water till about two-thirds of a cup of juice remains. Pour the hot juice over one cup of sugar, one and one-half tablespoons of butter or other fat, one teaspoon of cinnamon, one-half teaspoon of cloves, one teaspoon of nutmeg, and salt.

Cool, and add beaten egg, one teaspoon of soda, one and three-fourths cups of flour, one-fourth teaspoon of baking powder, one-half cup or more of chopped nuts, two-thirds or one cup of chopped gum drops, floured before adding to batter. Mix, and bake in a slow oven.

This is fine to serve in the evening with a hot grape-juice, spiked with a few cloves and sweetened to taste.

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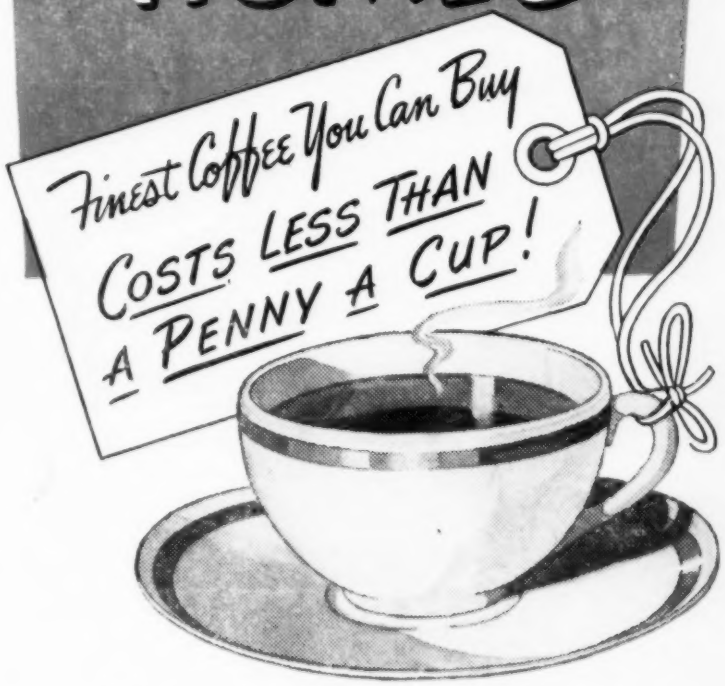

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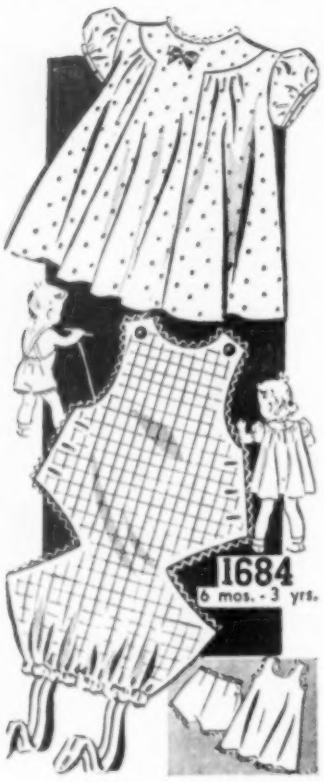

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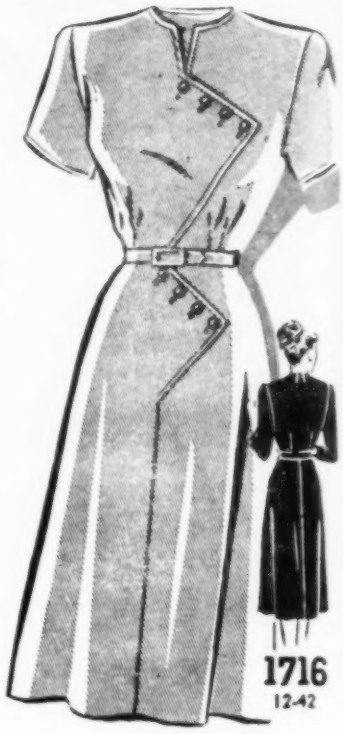

No. 8125—The easiest sort of sewing for mother is this adorable party dress — cut all in one piece, with drawstrings at the neck and waist. Sizes 1, 2, 3, 4, 5 and 6 years.

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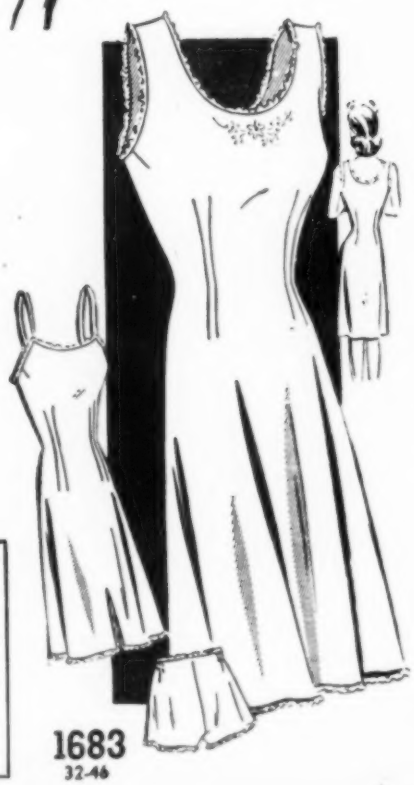

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Address all orders, for either patterns or the FASHION Book, to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

COOKERY CORNER

Kolaches

1 cake or package of yeast
¼ cup of lukewarm water
1 tablespoon of sugar

Let set 15 minutes in a warm place, then add one cup of milk that has been scalded and cooled to proper temperature and one cup of whole-wheat flour. Stir well till all lumps disappear. Let rise for 30 minutes; then add:

1 egg, well beaten
½ cup of sugar
¾ cup of milk
2 teaspoons of salt
1½ cups of whole wheat flour
½ cup of melted fat
1½ cups of white flour

Mix ingredients in order given. Knead; let rise for two hours and knead again; let rise for 30 minutes, and shape.

This recipe makes 24 kolaches. Divide dough into small portions. Roll into small balls, place on a baking tin, brush with shortening. Let rise 30 minutes, then make impressions in each with fingers. Fill with fruit sauce (prune sauce is the most common). Let rise 15 minutes. Bake in a hot oven for 20 minutes.

To make the prune sauce, stew two cups of dried prunes. When tender, drain liquid, cool. Remove pits from prunes. To the prune pulp add one-half cup of sugar, one teaspoon of vanilla and one teaspoon of cinnamon. Stir well, and fill kolaches.

Potato Pancakes

2 eggs
1 teaspoon of salt
1 tablespoon of sugar
3 cups of milk
2½ cups of sifted flour
1 tablespoon of melted fat
2 cups of grated raw potatoes

Beat egg yolks; add salt, sugar and milk; add flour and fat; beat. Stir in potatoes; fold in stiffly-beaten egg whites. Bake on a greased hot griddle.

Corn Chowder With Bacon

4 potatoes
2 cups of cream style corn
2 cups of milk, undiluted
4 slices of bacon
1 onion, chopped
1 teaspoon of salt
¼ teaspoon of pepper

Cut the potatoes in cubes and cook in two cups of boiling salted water until tender. Do not drain. Add the corn and milk. Cut bacon in small pieces and fry until crisp. Add the onion and cook until soft. Add to the vegetables and season to taste. Serve with crisp crackers. Makes four servings.

Mincemeat

4 pounds of neck beef or pork head, cooked tender and ground (weigh meat after it is cooked and ground)
1 pound of suet, ground
8 pounds of ground apples
4 pounds of seedless raisins
2 pounds of sugar, either white or brown
1 quart of canned cherries
1 quart of sweet grape juice
2 cups of sweet pickle vinegar
2 teaspoons of cinnamon
3 teaspoons of nutmeg
1 teaspoon of cloves
1 teaspoon of allspice

Cook all together until raisins and apples are tender. Seal in hot sterilized jars.—Mrs. Will James, Poweshiek County, Iowa.

Crispy Apple Pudding

4 cups of pared, cored, sliced apples
½ cup of granulated sugar
¾ cup of hot water
¼ cup of shortening
2 tablespoons of butter
¼ cup of brown sugar, firmly packed
½ teaspoon of cinnamon
1 cup of all-purpose flour
1 teaspoon of baking powder
¼ teaspoon of salt

Combine sliced apples, sugar and water; cover and simmer for 10 minutes. Turn into a greased nine-inch piepan. Cream shortening and butter until soft. Gradually add brown sugar, and cream well. Sift together flour, cinnamon, baking powder and salt. Add to shortening mixture, blending until thoroly mixed. Sprinkle over apples in piepan. Bake in a 350-degree oven for 40 minutes. Serve with or without cream. Enough for six.

Crisp Oatmeal Cookies

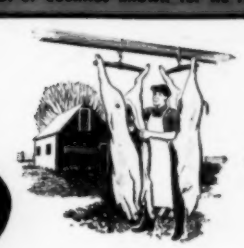
3 cups of oatmeal
1 cup of brown sugar
¼ cup of boiling water
½ teaspoon of salt
1 cup of flour
1 cup of butter or shortening
1 teaspoon of soda

Mix oatmeal with sugar and flour. Add melted butter or other shortening and mix well. Dissolve soda in boiling water and add to mixture. Form dough into a roll and chill. Slice thin and bake. These are delicious.—Mrs. Herman Albertson, Monona County, Iowa.

"HERE'S HOW I CURED PRIZE WINNING HAMS WITH MORTON'S"

says

W. H. Gardner, Woodlandville, Missouri, winner of the 1946 Ham Curing Contest, Boone County, Mo., one of those many U. S. Counties known for its fine hams.



There are three things to getting a good cure, says Gardner. A good bleed, a good chill, and Morton's Cure. One of my particular secrets is the thorough way I work Morton's Sugar Cure into the meat, especially around the hock and joints. This gives it that thorough cure and adds the mild, sweet smoke flavor he likes. He then wraps each piece tightly in paper, ties it in a cloth bag, and hangs it in a dark, dry, well-ventilated place.

First, Dissolve Morton's improved Tender Quick in water and pump along the bones. This fast-acting curing pickle starts curing INSIDE . . . helps prevent bone-taint, off-flavor, and under-cured spots.

Then, Rub the outside with Morton's improved Sugar Cure. This complete sugar-curing salt strikes in from the OUTSIDE, curing toward the center . . . gives you a thorough cure, and a rich, wood smoke flavor.

For delicious Sausage, use Morton's Sausage Seasoning. It's a rare blend of salt, peppers, sage, and other choice spices, ready to use. There's no guesswork — nothing to mix or weigh. Just add to meat and grind.

Use the Morton Way—and you'll put up some mighty fine hams yourself—firm, sweet, perfectly cured from rind to bone—the best-tasting, best-keeping meat you ever had. Curing from the inside out and from the outside in, the Morton Way is faster and its safer. More than a million farm families use no other method. Morton Salt Co., Chicago 4, Illinois.

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MORTON WAY

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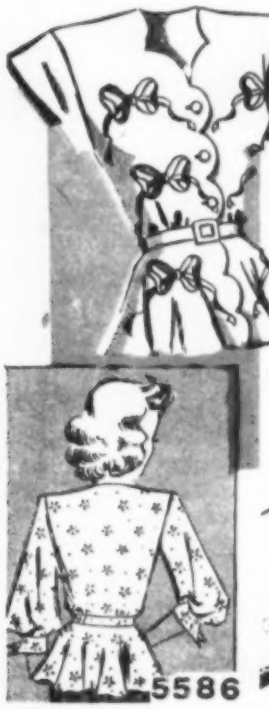
Finest **Home-Curing Book ever published**

Over 200 charts, pictures, diagrams — complete directions on how to butcher, cure, make sausage, Canadian Bacon, corned beef, and other meat specialties. The most valuable book on home meat-curing ever published. Send for your copy today . . . enjoy better meat . . . a wider variety of meat dishes . . . and get a safer, surer cure. Just write your name and address in margin and mail with 10¢ in in coin to Morton Salt Co., 310 S. Michigan Ave., Chicago 4, Ill.

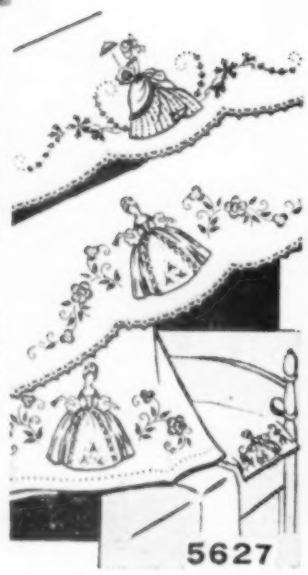
Lovely Things for Quick Needles

No. R-2624—Cute apron with its own dolly in pocket. The doll's body is made of soft cotton, wool hair and embroidered features. Her wardrobe is beret, dress and wee panties. Make the apron of dimity or organdy.

No. 5333—Crochet these "good enough to eat" holders for hand care and kitchen brightness. Make them in bright red, the seeds in green. The leaves are crocheted separately and sewed to the finished holder.



No. 5586—Embroider gold or silver bows on a heavy white crepe overblouse for special occasions. A printed material (without the embroidery), the pointed cuff on new length sleeve is smart for daytime.



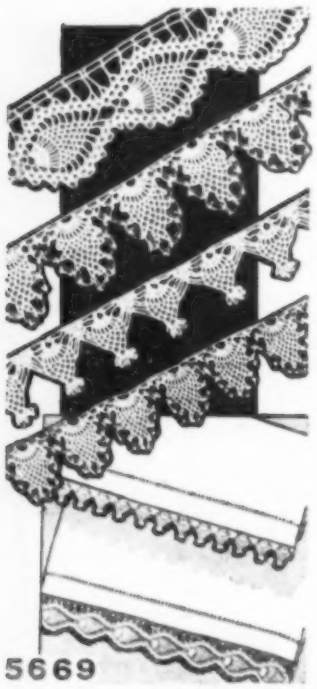
No. R-2623—If you've wanted to make knitted mittens and were scared off because of using four needles, your problem is solved. These colorful mittens are made on only two needles. Simple as can be and very quickly knitted.

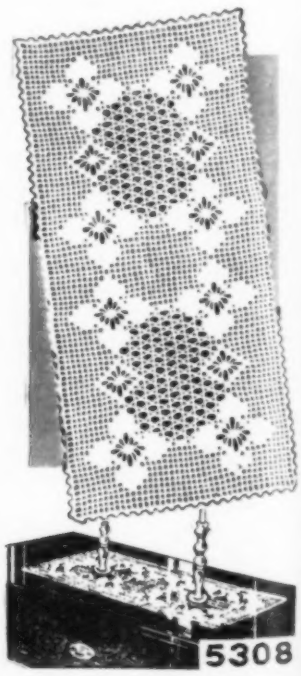
No. 5627—Give luxury to guest room by embroidering these demure ladies on pillow-cases. Four designs, each measuring approximately 5x15 inches.

No. 5669—Pineapple motif in dainty edgings. Widest measures two inches, narrowest one and one-fourth inches. Quick way to enhance bed, table linens or towels.

No. 5547—Red-tongued Scotties for light-hearted decorations on tea towels and curtains, or a little boy's crib cover. Easy outline stitch makes these frolicsome puppies in no time at all.

No. 5308—A 20x9-inch filet runner for table or buffet. You can easily understand why this design—which is so out of the ordinary—won a prize at a national crochet contest.





No. R-2538—Here is a saucy little filet puppy that will stand guard over your upholstery, covering up any worn spots or preventing them. Filet fans, get busy. You'll love to make this easy-to-do design for yourself or friends.

Designs may be secured for 20 cents each, in coin or stamps (coin preferred). Send all orders to the Pattern Department of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. Send also for the New FASHION Book. Only 25c. Free pattern comes with the book.

COUNTRY AIR

By ELIZABETH C. WHERRY

GIFTS, good cheer, fragrance, programs, greens, gay wrappings, families, toys, food — sort of a game of "What Am I?" Christmas, of course.

The more Christmases I experience, the more I am impressed with the part that food plays in the holiday season. The grocer piles his windows with oranges, apples, lettuce, nuts and vegetables out of season. For sheer color, I'd rather visit a big grocery store at Christmas-time than an art gallery.

And the Christmas dinner isn't all that requires holiday food. Oh, no! There's Christmas Eve supper. Maybe it's traditional to have oyster stew

I know a Bohemian neighbor who won't rise from her chair after she is seated at Christmas Eve supper. If she should get up before the meal is over, her hens won't sit well the next summer.

I know a woman who married a third-generation German in this country. Their big dinner is on Christmas Eve, and the gifts after that. Where do traditions come from?

There's breakfast on Christmas morning. I know a family with three daughters who made the rule when the girls were small that no package could be opened until the breakfast dishes were done.

This year, I've promised Son Richard old-fashioned "riz" buckwheats if I can find the right kind of flour.

It's almost impossible this year to think of food in the old, carefree way we used to. I don't mean because it costs so much more than it ever did before.

I mean that Claude Wickard's old slogan of "Food will win the war and write the peace" has reared its wise head again after two long years when we kept it covered.

At least, we're not forgetting it any more. And it doesn't seem to matter much whose political back congressmen feel they have to scratch, because the people have spoken their will with trainloads and boatloads of food for people who can know no peace when there are hungry people on their streets.

No American plate will go empty this year because wheat and oatmeal have crossed the seas, but hearts could be empty indeed had we not sent them.

May your hearts be full, your laughter light, your food delectable and your stomach equal to the task set for it. And, over your food, may you all have a Merry Christmas.

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Here's today's sensation in home heating equipment—luxurious "Warm Floor" heating. The Winkler *Radiant-Air* Heater introduces an utterly new design which provides both *radiant heat and circulating warm air*. This compact, smartly styled heater produces a *quality* of heat which brings comfort you've never known before. Here's cleaner heat and relief from fire-tending work ... better heating for less money.

Scientifically curved Heat Deflectors the secret of Winkler "Down Glow" heating comfort

Radiant heat rays are directed *downward* by the curved surfaces of the Deflector Grille. These heat rays are absorbed by the floor which becomes a warm radiant surface itself.

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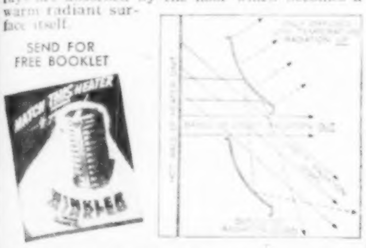

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U. S. MACHINE CORPORATION
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The Quintuplets have always relied on Musterole to relieve coughs, sore throat and aching muscles of colds. Musterole *instantly* starts to bring wonderful, long-lasting relief! It actually helps break up painful surface congestion.

In 3 Strengths: Child's Mild Musterole, Regular and Extra Strong for grown-ups. At all drugstores.

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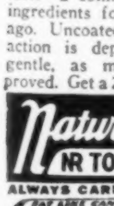

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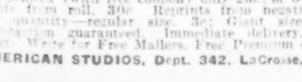
Nature's Remedy NR TO-NIGHT TOMORROW ALRIGHT

ALWAYS CARRY



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Keeps in the cupboard

This Home-Mixed Cough Syrup is Most Effective

Easily Mixed. Needs No Cooking.

Cough medicines usually contain a large quantity of plain syrup—a good ingredient, but one which you can easily make at home. Take 2 cups of granulated sugar and 1 cup of water, and stir a few moments until dissolved. No cooking! No trouble at all. Or you can use corn syrup or liquid honey, instead of sugar syrup.

Then get from your druggist 2½ ounces of Pinex, pour it into a pint bottle, and fill up with your syrup. This gives you a full pint of wonderful medicine for coughs due to colds. It makes a real saving because it gives you about four times as much for your money. It lasts a long time, never spoils, and children love it.

This is actually a surprisingly effective, quick-acting cough medicine. Swiftly, you feel it taking hold. It loosens the phlegm, soothes the irritated membranes and makes breathing easy. You've never seen anything better for quick and pleasing results.

Pinex is a special compound of proven ingredients, in concentrated form, a most reliable, soothing agent for throat and bronchial irritations. Money refunded if it doesn't please you in every way.

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Women in your '40's'—this great medicine is *famous* to relieve hot flashes, nervous tension—when due to the functional 'middle-age' period peculiar to women. *Worth trying!*

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Made from your own skins—rich, stylish and useful; more popular than ever. Red fox, silver fox, mink, raccoon, beaver, every kind of hide and fur skin beautifully tanned and styled to your order. Having your furs beautifully finished by Cownies is Only Way for you to realize their full value. 40 years experience—100% satisfaction guaranteed. Cow, horse, calf hides tanned and made into handsome, warm, durable coats, robes and rugs. Also expert taxidermy. Ship your skins right in, we will acknowledge and send styles, prices, complete information. COWNIE TANNING CO., 501 Market Street, Des Moines, Iowa.

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About the dangers of drinking raw milk.

It may cause such milk-borne diseases as Undulant Fever (Brucellosis) resulting from Bang's disease, Typhoid Fever, Scarlet Fever, etc. The only certain way to make milk safe is to pasteurize it.

WATERS CONLEY HOME PASTEURIZER

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Handy one-gallon size. Entirely automatic. Assures positive pasteurization. Operates on 110 AC current. See your dealer or write for free folder:
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The liver should pour out about 2 pints of bile juice into your bowels every day. If this bile is not flowing freely, your food may not digest. It may just decay in the bowels. Then gas bloats up your stomach. You get constipated. You feel sour, sunk and the world looks punk.

It takes those mild, gentle Carter's Little Liver Pills to get these 2 pints of bile flowing freely to make you feel "up and up." Get a package today. Effective in making bile flow freely. Ask for Carter's Little Liver Pills, 33¢ at any drugstore.

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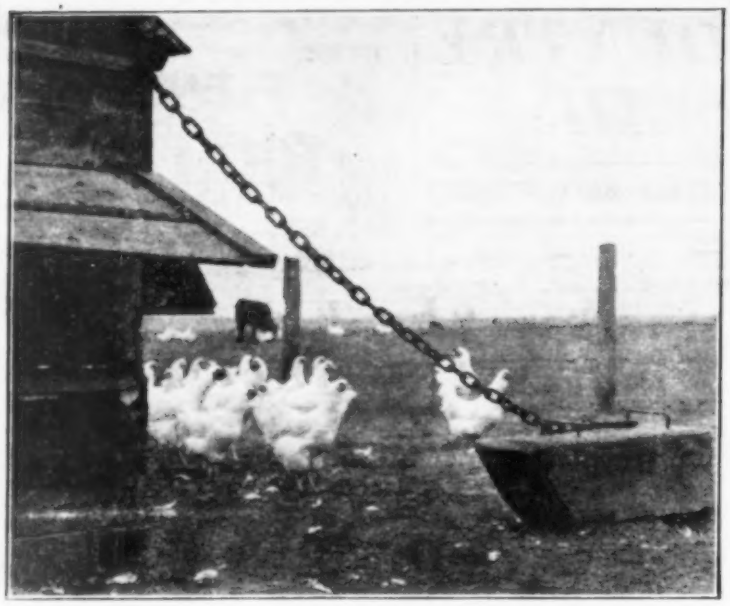

High Wind won't bother John Folkerts, Pocahontas county, Iowa, any more. He lost chicks last spring when his brooder house was pushed around. Now he has it anchored down like this.

THE FARM FLOCK

How You Can Help Save Grain

Poultry raisers are helping out in the program to save grain for Europe. Thru poultry and farm organizations, the industry has pledged itself to save about 56 million bushels of grain.

Are you helping to meet this pledge? How can you help? By culling closely, by feeding a balanced ration, by cutting down on grain waste, and by keeping layers in good shape.

Don't feed a hen that is not a good producer. And don't pour grain into extra roosters.

Mash prices may seem high now. But mash furnishes the protein to balance the feed value in grains. If you are feeding grain only, you are wasting it.

Don't let rats, insects, pigeons or sparrows eat or spoil part of your valuable grain supply.

Hens in poor condition waste grain. So keep them healthy, warm and comfortable. And get rid of lice and mites.

Government Props Poultry Prices

If flock owners cull closely to save grain, what happens to the extra chickens culled out?

The government has set up a poultry buying program to keep prices from dropping too low if large numbers of culls go to market.

Here's how it works: Whenever poultry processors can't get 26 cents a pound for dressed light birds, or 31 cents a pound for dressed heavies, the Department of Agriculture will buy enough dressed poultry to keep prices up to those figures.

But processors can't sell poultry to the government unless they have paid at least a minmum price to farmers for live birds. In the midwest, these minimum prices for live chickens at the farm are 15 cents a pound for light-weights (3½ to 4½ pounds) and 20 cents a pound for heavies (4½ pounds and over).

The government buying program will be in operation until March 31, 1948.

Lights For Layers Add Eggs

Lights in the laying house will put more winter eggs in the basket. But too much light is as bad as too little, says W. R. Whitfield, poultryman at Iowa State College.

If birds have been laying heavily without artificial lights, turning on the lights may hurt, Whitfield says. But if short days have cut production, more light is necessary.

There are two lighting systems — bright lights or all-night lights. Night lights should be 25-watt bulbs spaced every 10 feet down the middle of the house. They should be 6 feet above the floor, with 16-inch reflectors.

The bright-light system calls for the same number of 50-watt bulbs, with a turn-on device set to give hens a 14-hour day.

Information Please, Mr. Lewis—

About the items I have checked with an X

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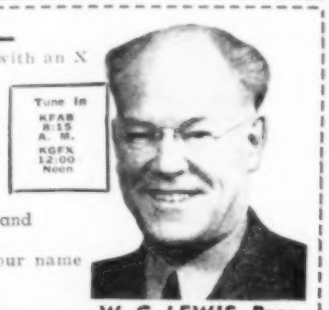

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Iodine is a NECESSITY in the nutrition of farm animals.

If it is lacking, goiter may result. The chief loss from Iodine deficiency comes from interference in reproductive processes, and the birth of weak, deformed offspring which may die.

So don't take any chances. The feed you buy probably does contain Iodine. But don't guess—ask your dealer—MAKE SURE!

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Black Leaf 40 KILLS LICE
OUR Cap-Brush Applicator makes BLACK LEAF 40 GO MUCH FARTHER
JUST A DASH IN FEATHERS.. OR SPREAD ON ROOSTS

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UNSEXED $10.90—PULLETS $18.90
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WINTER TURKEY POULTS AVAILABLE EVERY WEEK
Also breeding stock. Broad Breasted Bronze, White Holands, Bourbon Reds. One of Michigan's largest breeding farms. Write
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Place your order now for Mixa's Broad Breasted Bronze Poults from one of the nation's largest exclusive turkey hatcheries. Controlled breeding and scientific hatching under "hospital clean" conditions. No custom hatching of chicks hatched. Famous strains include Hamiltons, California Farms, Rockbosch, Ramonas. We guarantee live delivery of 100% of your order. U. S. Pullorum Controlled. Write for circular. Redwood Falls, Minn.
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250 to 327 blood lines. Official contest winners. Bred for large size, heavy production, large white eggs, catering to commercial egg farms. Every bird pedigreed sired. 30th season. Early order discount. Free circular. Stouffer Poultry Farm & Hatchery, Box H, Mount Morris, Ill.

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THREE PRINTS each eight exposure roll, 40 cents. Two each, 35 cents. One each, 25 cents. Reprints 3 cents. FRED I. EASTMAN, BODE, IOWA

—OUR ADS ARE NEWS—

These Hens (110 of 'em) are producing average of 83 eggs a day for Hilmar Schmidt, Black Hawk county, Iowa. Automatic lights are set to give the flock 8½ hours of sleep each night.

Cull--But Don't Quit

Your Flock Will Pay If You Do Good Job

To the Editor: I have had one more inquiry concerning debeaking from a friend in a neighboring town. His experience was rather unfortunate. Within two weeks after the job had been done, the chickens were picking each other as bad as before.

I am not qualified to go into the method too deeply. But I do know that our hatchery men said that with their new machine no beak would ever grow again.

I suppose they have learned to cut deeper into the quick and so destroy the root of the beak permanently. By searing this on the electric plate, there is no chance of losing a dangerous amount of blood.

I know that in skilled hands it can be done safely, and it is such a natural way to prevent pick-outs and egg-breaking without interfering with egg production or food consumption.

Many friends ask me about my opinion of the present egg and poultry situation, in the light of promises made early last fall, and also of requests being made concerning next year's flocks.

We know that there is a great demand for food and for saving of food at home and to be sent abroad. But we who are poultry producers also know that we can not change our minds in mid-stream.

It takes years to build up the poultry program which exactly fits your farm, your buildings, your labor and your market. You can not cut down your flock by one-fourth this coming spring and rise to the possible demand for more eggs in the fall.

The manufacturer can halt production temporarily. Our bakery could close for two weeks whenever its quota of rationed goods was exhausted. But you can not do that in the livestock game.

Livestock and poultry have to be fed as usual, and cows have to be milked. Eggs continue to be laid, and the producer can not change that unless he kills the animals or chickens.

It seems to me that there is only one answer. Go right ahead with the program that has seemed right for your situation. Cull more closely than ever. Buy better birds than ever before. Do not crowd your quarters at any time in the life cycle of the chick.

Buy the best feed you can afford and do not skimp the quantity. Take the best care of your chicks and laying flock that you have ever done. By the law of averages, you will probably, over a year's time, come out all right.—M. B., Jasper County, Iowa.

Sarah Jane Says:

Christmas Sneaks Up

To the Editor: We're glad to have the stock and chickens well housed as the winter weather ushers in the Christmas season.

I saw a little fir tree on the running board of a car recently. Until then, I hadn't realized Christmas was so near. It will give women a chance to fix extra holiday dishes—cookies, cakes and bread, with fruit and nuts—to make it elegant. Christmas offers a splendid opportunity for unselfishness.

Our hens have begun to lay. But we haven't been feeding egg mash long enough yet.

Corn gathering was finished Thanksgiving Day. It should feed the stock thru, but isn't a crop to be proud of. We are glad to have it as is.

The stock is making good use of stalk fields. These Wisconsin cows enjoy running out, even if it is chilly. They're used to being in a barn, except maybe for a while when the barn is being cleaned. We'll keep them in when it isn't fit for them to be out.

I cleaned the droppings boards in the hen house yesterday. We have a new feeder that accommodates several hens at a time. It's a rather deep, V-shaped trough partially covered, and raised up a bit so the hens can put their heads in. The cover helps to keep it clean, too, and keeps them from scratching the feed out. — Sarah Jane, Clarke County, Iowa.

Don't Miss

these EXTRA Feeding Advantages of

Kellogg's EGG MASH

1. You get *Extra Palatability!* Tempting, nutritious Kellogg's Egg Mash encourages your hens to eat just what they need for Extra Eggs — the Profit eggs that make all your Feed Costs Cheaper!

2. You get *Extra Egg-Building Power* of Kellogg's "rated" proteins — combined with vitamins and minerals needed to balance your grain, produce more eggs, and keep your hens in top laying condition longer.

3. You get *Economy*, plus Dependable Performance, and easy feeding. Every bag you get is the result of 40 years of skill and experience in building better formulas that save you money.

Change today to Kellogg's Egg Mash — the supplement that more poultrymen are turning to every day. Your choice of plain or colorful dress print bags.

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DOWS, IOWA
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HAMPTON, IOWA
Graestien Produce
HARCOURT, IOWA
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NEW HAMPTON, IOWA
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OAKLAND, IOWA
Wendell Turner
OGDEN, IOWA
Ogden Grain Company
OSKALOOSA, IOWA
Lynn Hatchery

POCAHONTAS, IOWA
Mayberry Produce

ROCKFORD, IOWA
Burnett Hardware
ROCKWELL CITY, IOWA
Rockwell City Elevator
ROCKWELL, IOWA
Farmers' Elevator
RUDD, IOWA
Kelsey Grocery

SILVER CITY, IOWA
Farmers' Feed & Supply
SMITHLAND, IOWA
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FEED DIVISION: OMAHA, NEB. BATTLE CREEK, MICH.

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Bred Like Hybrid Corn

Hy-Line HEN
Official Record
301 EGGS

DO YOU WANT LARGE EGGS AND PLENTY OF THEM?

Raise Hy-Line Chicks

- Hy-Line flocks are averaging 2 to 6 dozen more eggs per bird per year than standard-breds.
- Their rate of lay is running consistently between 50 and 85 percent for 12 to 14 consecutive months.
- Hy-Line flocks are averaging around 200 eggs per bird per year under good farm conditions.
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If you suffer from those miserable ear noises and are Hard of Hearing due to catarrh of the head, write us NOW for proof of the good results our simple home treatment has accomplished for a great many people. NOTHING TO WEAR. Many past 70 report ear noises gone and hearing fine. *Send NOW for proof and 30 days trial offer.*

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NEAR VILLAGE, equipped 120-acre Wisconsin dairy farm, electricity, land new and productive, owner includes 12 cows, 10 heifers, bull, two pigs, tractor, fine list machinery, tools, dairy equipment, hay—yours for only $5,500 down. Good seven-room house, electricity, furnace, space for bath, drilled well, good 34x72 basement barn, silo, numerous outbuildings, gravel road, one-half mile depot village, postoffice, state highway, hour college city; 70 cultivated, more tillable, eight alfalfa, tank-watered pasture, five wooded, home-use fruit; $15,000 equipped, only $5,500 down, possession soon. Details big free WINTER catalog many states.

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FISH Special Clear Water Good Eating Varieties

20 lbs. skinned, ready for the pan, Bullheads.
20 lbs. Great Northern Pike — Boneless Fish steaks.
10 lbs. Atlantic Ocean Codfish—Boneless Fish steaks.
50 lbs. fish, $14—one-half order, $7. Express shipments only.

LESTER FISHER FISH COMPANY
MARINETTE, WISCONSIN

BUY BONDS AND STAMPS TODAY !!

Only a few of more than 1,000 Jasper county, Iowa, farmers who saw the Iowa State College Labor Saving Show at Newton. The show will be at Vinton, December 20; at Clarion on January 5; New Hampton on January 7; Decorah, January 9, and Independence on January 12.

Voice of the Farm

Buy Farm Instead Of Bonds?

To the Editor: I have always respected and followed the advice given in your paper. However, I wonder if you haven't given us a little "bum steer" in pressing the purchase of government bonds.

I realize it's the safe way, but here is my point: If even at the end of the war I had purchased 160 acres of land at $200 per acre, and paid only one-half down, with good luck I would have it nearly paid for now.

The interest on $32,000 put into bonds certainly wouldn't keep even one person. But a good 160 acres, paid for, would keep him now, and probably always.

So maybe one should still buy land.—H. D., Poweshiek County, Iowa.

If you have the money to buy a good farm, and want to farm it, there are arguments for making the deal. But, if prices start down, what happens to people who have bought land on down payments of 40, 50 or 60 per cent?—Editor.

She Has No Love For Russia

To the Editor: Your magazine is fine, but I would like to comment on Mr. G. D. Larsen's letter sympathizing with Russia.

The New York Times says: "The territorial, political and economic gains made by Russia are already the greatest ever achieved by an empire as a result of any war."

Nevertheless, Russia continues her program of expansion thru diplomatic and military pressure; thru puppet governments; thru infiltration, fifth columns and civil war; and thru obstruction of every effort at peace and reconstruction.

Yet, Mr. Larsen, you have the nerve to write about the "bundle of misinformation" this nation is being fed. You are the one that is misinformed, or else you are just plain dumb.

If you would read any of the current periodicals and digests, you would be more familiar with the actual conditions that do exist in Russia.—Mrs. W. E. Townsend, Black Hawk County, Iowa.

But let's be sure to read periodicals and digests that know what they're talking about. Not all of them do.—Editor.

Says "Big Shots" Stir Up Fuss

To the Editor: Big shots of both England and the United States have in the past done everything they could to promote hatred between the peoples of their countries and Russia.

This is no doubt why Russians are so hard to get along with now. We don't want a Communist government here. But we do need government control of big shots, to keep them from crowding the common people of the earth or making slaves out of them.

Russia has always been a peaceful nation, and maybe they are only trying to keep more enemies from invading their country. We should do all we can to make them understand we mean nothing but friendship.—Earl Rames, Union County, South Dakota.

Let's fight real Communists in America. But do we want to start more military cemeteries in Europe?—Editor.

Who Set Airplanes On Fire?

To the Editor: I see that one of your readers feels he has been misinformed about Russia.

How can anyone think any good of Communist Russia? You only have to look at what they are trying to do all over the world. They are using the protection of the U. S. constitution to upset our government. Every citizen should be thankful for our FBI.

You don't think all those train wrecks last spring were accidents, do you? What about the sudden flare of plane fires? That gives you only a small idea of what a fifth column can do. — William Hungate, Clay County, Iowa.

The FBI knows its stuff. But lots of other folks seem to be hunting Communists, too.—Editor.

GARDEN COTTAGE

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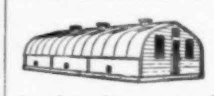
LOW-COST HOUSING

in sizes and floor plans to meet your needs for comfortable living quarters. Garden Cottage, 18x40 feet, two bedrooms — excellent farm tenant house. Master Cabin, 18x24 feet. Walnut answers your housing problem right now. Good-looking, good quality, easily erected. Immediate delivery.



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A size for every flock. Vensulated (ventilation plus insulation) to promote health, comfort and high egg production. Roomy, convenient, easy to erect. Ready right now.

HOG HOUSES FOR EVERY NEED

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Dept. E. Box 565 GREEN BAY, WIS.

36 Years Shipping Your Frozen Fish
Order from this adv.—All fast frozen same day as caught—large quantity sale.

Herring, Fancy pak	20 lb. box	$ 2.75
100 lb. box		12.75
Sheepheads (White Perch)	100 lb. box	11.00
Bullheads, Blood Red, ready to fry	100 lb. box	24.00
Smelt, The Famous Shiny Smelt	25 lb. box	5.00
100 lb. box		18.50
Boneless Cod	10 lb. pkg.	3.20
Special	120 lb. box	33.00
Halibut	100 lb. box	37.50
Lutefisk	50 lb. tub	10.00
Silver Sockeye Salmon (Best Red Salmon)	100 lb. box	46.00
Catfish Steaks	25 lb. box	8.75
100 lb. box		32.50
Ocean Pike, Headless and Gutted ..10 lb. ctn. $2.20;	100 lb. box	19.00
Haddock Fillets	10 lb. box	3.40
Ocean Pike Fillets	10 lb. box	3.00
Carp, Round 50 lb. box $3.50;	100 lb. box	6.00
Smoked Bluefins	10 lb. ctn.	2.90
Smoked Chunk Carp		3.50
Smoked Salmon Chunks		4.50
Smoked Finnan Haddie Fillets	15 lbs.	4.75
Walleye Pike, Headless and Dressed Fancy	50 lb. box	17.50

SAVE—BUY A LARGE QUANTITY AND SAVE
Orders Shipped 25 lbs. to 2,500 lbs.
Order all you want, one or mixed kind.

HOW TO SAVE
on FARM INCOME TAXES

There are up to 200 items which farmers usually forget to take off on their income tax reports, and which costs them from $25 to $500 more than they would actually need to pay.

These often-forgotten items are listed in one chapter of our "Farmers Income Tax Digest." Other chapters include money-saving, step-by-step ways of figuring your taxes on either the Cash or Accrual Basis, determining Capital Gains and Losses, Setting Up a Depreciation Schedule Correctly, and a Sample Tax Schedule correctly filled out.

It is written especially for farmers and applies to all sections of the country, and all methods of farming.

Our "Farmers Income Tax Digest" will save you many times its small price of $3.00 postpaid. Order your copy today. You'll always be glad that you did.

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Tomah - - - Wisconsin

Choice Fast Frozen Fish

ORDER WHILE STOCKS ARE COMPLETE. QUALITY AND SERVICE GUARANTEED. SELECT STOCK.

Sheepheads (White Perch) Special	100 lb. box	$11.[illegible]
Bullheads, Skinned, Blood Red	50 lb. box	12.50
Catfish, Headless and Dressed	50 lb. box	[illegible]
Salmon Steak, ready to fry	15 lb. box	[illegible]
Lutefisk, new prepared	50 lb. tub	[illegible]
Ocean Perch Fillet	10 lb. box	[illegible]
Ocean Pike, Headless and Gutted Packed in 10 lb. cartons	100 lb. box	[illegible]
Carp, Round	100 lb. box	[illegible]
Headless and dressed	50 lb. box	[illegible]
Suckers (Mullets) large	100 lb. box	[illegible]
Steak Cod, headless and dressed	50 lb. box	[illegible]
Sliced	50 lb. box	[illegible]
Haddock Fillet	10 lb. box	[illegible]
Cod Fillet	10 lb. box	[illegible]
Trout, Dressed	50 lb. box	[illegible]
Whitefish, Dressed	50 lb. box	[illegible]
Herring, Fancy Pak, Large Silver	20 lb. box	2.75
Walleye Pike, Headless and Dressed, Fancy	50 lb. box	17.50
Pickerel, Large, Single Frozen	50 lb. box	[illegible]
Mullet Fillet	10 lb. box	[illegible]
Smelt, Fancy	25 lb. box	[illegible]
Smoked Fish—10 lb. cartons		
Bluefins		[illegible]
Whitefish		[illegible]
Sable		[illegible]
Salmon		[illegible]

Deduct 1c per pound less on orders of 100 lbs. or over ONE OR MIXED VARIETIES—ORDER ALL YOU WANT

MIDWEST FISH CO.
230 N. Broadway GREEN BAY, WIS.

GUARANTEED PRICES

For Your Feather Shipments

Top market prices and prompt remittance guaranteed by Midwest Feather Co. for new goose and duck body feathers, and quills (wing and tail). Send samples of old or used feathers for price quotation.

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FOR BETTER PROFITS

you must have TOP PRICES, correct weights and liberal grading. Karsten & Sons guarantee them. Also 24-hour remittance service. We have been serving raisers and shippers satisfactorily for over 50 years. Our sales outlets are the best; our cooler and handling facilities unexcelled. Every shipment, large or small, given personal attention. For better results, ship your poultry and eggs to

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WE PAY HIGHEST PRICES

for new goose and duck feathers. Ship today—get cash tomorrow. Old feathers wanted also. No commission charge. PROGRESS FEATHER COMPANY, 657 W. Lake St., Chicago 6, Illinois.

FOR SALE—New A-6 Case Combine, New Deere [illegible] Cutter, New Deere Picker, [illegible] No. [illegible] I. H. C. Garbage with Motor and [illegible] $1,[illegible]. C. L. WIEMERS, FALLS CITY, NEBRASKA

Happy Days for Sluggish Folks

WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards", and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S SENNA LAXATIVE CONTAINED IN SYRUP PEPSIN

The Finest, Tastiest Fish You Ever Ate

The best of the catch, packed with DRY ICE in our new DRY ICE BOX LINER. 100 pounds shipping weight, containing 85 lbs. net weight of fish. Satisfaction guaranteed or money cheerfully refunded.

	PER BOX
WALL-EYED PIKE Round Fancy	$26.00
Dressed Crated	29.50
PICKEREL, Dressed & Headless	16.75
OCEAN PIKE, Dressed, Headless, Sealed	16.00
FLOUNDERS, Dressed & Headless	16.75
STEAK COD, Dressed & Headless	17.75
RED ROCKFISH (Cod) Dressed & Headless	15.00
SABLEFISH, Dressed & Headless	20.25
HALIBUT, Dressed & Headless	34.00

ORDER THIS "TRIAL BOX" TODAY!

10 lbs. Sablefish — 10 lbs. Pickerel
10 lbs. Flounders — 10 lbs. Herring
10 lbs. Ocean Pike — ONLY ALL DRESSED FISH $ 9.35

Or—will ship double this quantity for 18.00

WRITE for large illustrated circular describing other varieties and assortments of delicious frozen, smoked and salted fish. Also explains how to get **FREE** a Valuable Chromium Serving Platter over 17 inches long. Gleams like Silver—AT NO EXTRA COST. OFFER LIMITED. WRITE NOW.

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War Surplus Gloves

Brand new 100% all wool—wrist length—made to fit rigid Army specifications.

$1.00

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*Sorry, no C.O.D.'s

Farmer's Friend

- A PERFECT LOADER
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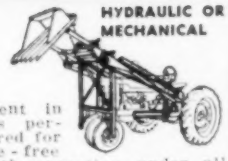
- LOWEST PRICES

HYDRAULIC OR MECHANICAL



An advancement in power loaders perfectly engineered for long trouble-free service. Smooth operation under all conditions. No jerking stops or starts. Buck rake and post hole digger attachments. Write for literature.

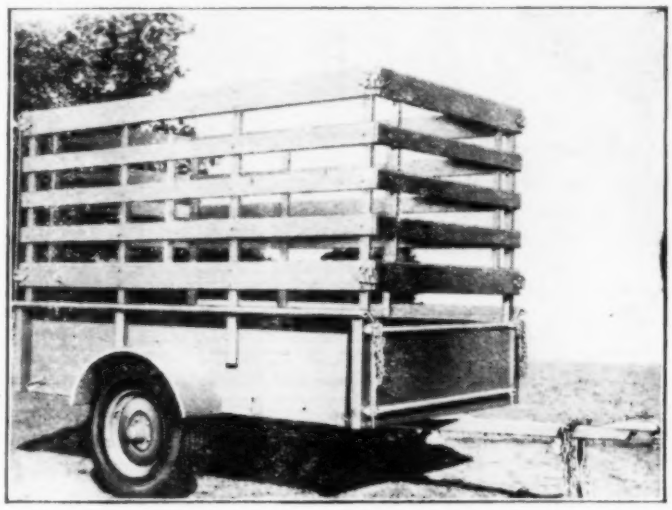
G & D MANUFACTURING CO.
Dept. E-18 STREATOR, ILL.

WANTED—STUDENT NURSES
BE A NURSING ATTENDANT in one year!

The Summit Hospital of Oconomowoc, Wisconsin, offers a one-year course in nursing with lectures, demonstrations and bedside nursing. You receive $10 per month. Room, board, laundry, uniform and textbooks furnished free. Requirements are—ages 17 to 35 with three years of high school and a desire to learn a profession. Apply to **Dr. G. R. Love, Summit Hospital, Oconomowoc, Wisconsin.**

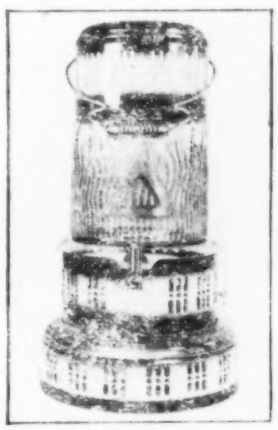
—OUR ADS ARE NEWS—

What's New
For Farm and Home?

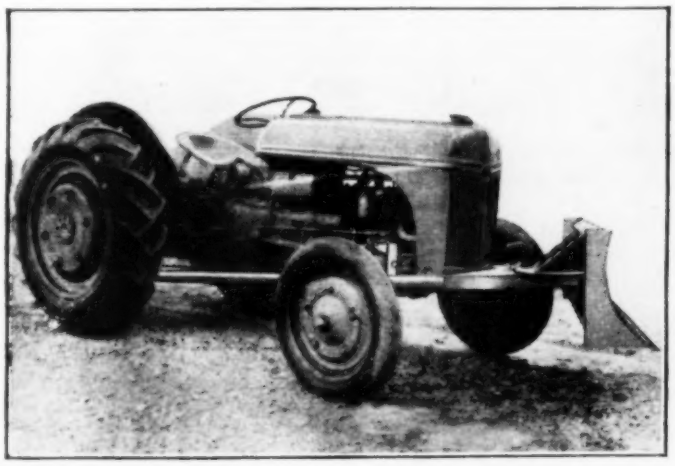


Two-Wheel Wagon has steel floor, flared steel sides and steel tongue, with ball-and-socket trailer hitch. Made in six and eight-foot body lengths. Capacity is 1,500 and 2,000 pounds, respectively. Body extensions to haul grain or livestock, and the eight-foot size can be bought with bow top and tarpaulin cover. Made by the Perfection Steel Body Co.

Turn Dial on this pressure cooker to regulate cooker or to release steam pressure. Said to require no cooling to add food or to test for progress in cooking. You just release the steam pressure with the knob and perform the operation with the cooker on stove. Made by Kromex Corporation.



Heat and light are both generated by this modernized kerosene heater. Globe is Pyrex Brand glass. Said to heat a room 12x14x9 by itself. Can be used in home, shop or laundry. Manufactured by Perfection Stove Company.



New Dozer will push snow, manure or dirt. Blade is five feet wide and 18 inches high. Raised and lowered by hydraulic power. Made so it can be put on and taken off easily. Angle of blade can be adjusted in air or on ground. Will scrape feed platforms, fill tile ditches, level yard or remove snow. Made for Ford tractors by the Henderson Manufacturing Company.

"You can't find a SAFER FARM LOAN . . . . . than that offered by your FEDERAL LAND BANK"

If you need money to buy a farm or to improve your farm, borrow SAFELY and ECONOMICALLY. Get a Federal Land Bank Loan through your nearby National Farm Loan Association.

FLEXIBLE REPAYMENT PLAN

A Federal Land Bank loan is SAFE because the payments are based on your land's *normal* earning power. With up to 40 years to pay, you never have to meet the full loan at one time.

And yet you can pay up just as fast as your income permits—without penalty. You pay no loan fees, no commissions. Your interest rate is only 4%. So your Land Bank Loan is ECONOMICAL, too.

100% FARMER-OWNED

You deal with farmers like yourself when you borrow from your cooperative National Farm Loan Association. It is owned and directed by your friends and neighbors. They understand your problems and stand by you in time of need.

For details, see your local National Farm Loan Association. Or write to the Wallaces' Farmer, Box 12, Des Moines, Iowa.

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Guides the Way to SAFE FARM LOANS

HOLIDAY SPECIAL

All Fish Guaranteed No. 1 Quality

25 lbs. Northern Pike (dressed & headless)
25 lbs. Whiting (dressed and headless), 2 to 4 lbs. av. size
25 lbs. Walleyed Pike (dressed)
25 lbs. Bluefin Herring (dressed)
100 lbs. net of delicious frozen fish **$23.00**
One-half of each variety, 50 lbs. of fish **$12.00**

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PACKED IN DRY ICE IN WOODEN BOX INSULATED WITH CARDBOARD

Enclose check or money order with your order. SAVE by Serving Delicious Fish Dinners.

Ask for free catalog, prices and special silverware premium offer on our complete supply of Frozen Salted and Smoked Fish. Write today.

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Stockmen Attention: The Caswell-Larson Automatic Currier keeps livestock sleek, clean, comfortable; free from grubs, scab, lice, flies, and skin diseases. Makes hides worth more; cattle sell higher, gain weight faster. A real money maker for every feeder. New self-acting, self-cleaning, long-wearing steel combs. Dipper pump measures the oil—no valves, no leaks, no waste. Saves fences, buildings, feed bunks.

CASWELL AUTOMATIC HOG OILER

Be humane to your stock—at a profit. Write for **FREE** circulars, low prices and opinions of users. "More important than an extra steer," says one.
Also Hydraulic Tractor Power Loaders. Write
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PILES

If you suffer from the miseries of itching, bleeding or protruding piles, you may have a generous supply of Page's Palliative Pile Preparations *absolutely free* for the asking. These preparations have relieved pile suffering in hundreds and thousands of cases for more than 50 years.

FREE Trial supply to quickly prove all this, will be sent absolutely free and with no obligation to buy now or later. Send your name and address for your free trial TODAY!

E. R. PAGE CO. Dept. 52482 **Marshall, Mich.**

International Stock Show Awards

Breeding Cattle

SHORTHORNS

Judge: A. D. Weber, Manhattan, Kan.

Bulls: Two-year-olds (7 shown) — 1, Brown-Forman Farm, Louisville, Ky.; 2, Curtiss Candy Co., Chicago; 3, Mathers Bros., Mason City, Ill.; 4, Golden Bulls Farms, Wauconda, Ill.; 5, Robert MacFarlane, Grand Rapids, Mich. Senior yearlings (1 shown)—1, Clausen Bros., Spencer, Iowa; 2, MacFarlane; 3, C. M. Caraway & Son, DeLeon, Texas; 4, Dewar Bros., Cherokee, Iowa. Junior yearlings (11 shown)—1, Mathers; 2, F. W. Hubbell, Des Moines, Iowa; 3, Edellyn Farms, Wilson, Ill.; 4 and 5, Caraway. Summer yearlings (15 shown)—1, Richardson Stock Farm, Winnipeg, Man.; 2, Caraway; 3, Dr. S. A. Donahoe, Sioux Falls, S. D.; 4, Clausen; 5, Otis Carter & Son, Eldorado, Ill. Senior calves (15 shown)—1, Clausen; 2 and 3, Merryvale Farm, Grandview, Mo.; 4, Edellyn; 5, Ben G. Studer, Wesley, Iowa. Junior calves (16 shown)—1, Wm. Bartholomay, Libertyville, Ill.; 2 and 4, Edellyn; 3, Donahoe; 5, Caraway.

Champion bull—Richardson, on Kelburn Banker Royal; reserve, Brown-Forman, on Sni-A-Bar Randolph.

Females: Summer senior yearlings (7 shown)—1, Clausen; 2, Mathers; 3, Curtiss; 4, Edellyn; 5, F. H. Deacon & Son, Thionville, Ont. Senior yearlings (13 shown)—1, Clausen; 2, Dewar; 3, Curtiss; 4, P. F. Law, Toronto, Ont.; 5, Caraway. Junior yearlings (25 shown)—1 and 2, Holz Bros., Rippey, Iowa; 3, Merryvale; 4, Edellyn; 5, Clausen. Summer yearlings (29 shown)—1 and 4, Bartholomay; 2, Ohio State University, Columbus, Ohio; 3, Arnold Bros., Sterling, Ill.; 5, Tudor Bros., Columbus Grove, Ohio. Senior calves (26 shown)—1, Bartholomay; 2, Mathers; 3, Merryvale; 4, J. A. Collier, Fletcher, Okla.; 5, Clausen. Junior calves (18 shown)—1, Curtiss; 2, Clausen; 3, Merryvale; 4, Bartholomay; 5, Mathers.

Champion female — Bartholomay, on Marellbar Princess 5th; reserve, Clausen, on Augusta 115th.

Groups: Three bulls—1, Clausen; 2, Mathers; 3, Caraway; 4, Edellyn; 5, Merryvale. Two bulls—1, Clausen; 2, Curtiss; 3, Caraway; 4, Edellyn; 5, Carter. Two females—1, Clausen; 2, Bartholomay; 3, Mathers; 4, Ohio State; 5, Curtiss. Get of sire—1, Bartholomay; 2, Clausen; 3, Curtiss; 4, Merryvale; 5, Caraway. Pair yearlings—1 and 5, Clausen; 2, Mathers; 3, Richardson; 4, Caraway. Pair calves—1, Bartholomay; 2, Merryvale; 3, Clausen; 4, Mathers; 5, Caraway. Bull and female—1 and 5, Clausen; 2, Bartholomay; 3, Mathers; 4, Caraway. Best 10 head—Clausen.

HEREFORDS

Judge: William Ross, Steamboat Springs, Colo.

Bulls: Two-year-olds (12 shown)—1, C. A. Smith, Chester, W. Va.; 2, Circle A Hereford Farm, Morris, Ill.; 3, Double E Ranch, Strasburg, Miss.; 4, Edg-Cliff Farms, Potosi, Mo.; 5, Daydale Hereford Farm, Boonville, Mo. Senior yearlings (14 shown)—1 and 5, Suncrest Hereford Ranches, Phoenix, Ariz.; 2, Albert Noe Farms, Pulaski, Tenn.; 3, Rancho Sacatal, Dos Cabezas, Ariz.; 4, Circle A. Junior yearlings (22 shown)—1, Suncrest; 2, Noe; 3, Rancho Sacatal; 4, Smith; 5, Wyoming Hereford Ranch, Cheyenne, Wyo. Summer yearlings (26 shown)—1, DeBerard Cattle Co., Kremmling, Colo.; 2 and 5, Smith; 3, Edg-Cliff; 4, J. F. Miller, Hayden, Colo. Senior calves (27 shown)—1, Suncrest; 2 and 3, Noe; 4, WHR; 5, Smith. Junior calves (22 shown)—1, WHR; 2, 3 and 4, Miller; 5, Smith.

Champion bull—Smith, on H. C. Larry Domino 12th; reserve, WHR, on WHR Symbol 33d.

Females: Two-year-olds (15 shown)—1, WHR; 2, Clovelly Herefords, Cincinnati, Ohio; 3, Smith; 4, Circle A; 5, Double E. Senior yearlings (18 shown)—1, Clovelly; 2, Foxhall Farms, Catonsville, Md.; 3, Jensen Hereford Farms, Marlette, Mich.; 4, DeBerard; 5, Noe. Junior yearlings (29 shown)—1, Circle A; 2, Miller; 3, Suncrest; 4, Noe; 5, Graber Hereford Farm, Mineral Point, Wis. Summer yearlings (37 shown)—1, Turner Ranch, Sulphur, Okla.; 2, Jensen; 3, DeBerard; 4, Suncrest; 5, WHR. Senior calves (30 shown)—1 and 4, Smith; 2 and 3, Suncrest; 5, Turner. Junior calves (24 shown)—1, Clovelly; 2 and 3, Miller; 4, WHR; 5, Smith.

Champion female — WHR, on WHR Vanity Box 8th; reserve, Clovelly, on Triumph's Lady 9th.

Groups: Three bulls—1, Suncrest; 2, Smith; 3, Miller; 4, Noe; 5, Edg-Cliff. Two bulls—1, Smith; 2, Suncrest; 3, Miller; 4, Noe; 5, WHR. Two females—1, WHR; 2, Clovelly; 3, Circle A; 4, Miller; 5, Smith. Get of sire—1, Smith; 2, Miller; 3, Suncrest; 4, Noe; 5, Edg-Cliff. Pair yearlings—1, DeBerard; 2, Suncrest; 3, Smith; 4, Noe; 5, Miller. Pair calves—1 and 2, Miller; 3, WHR; 4, Suncrest; 5, Smith. Best 10 head—Suncrest.

ABERDEEN-ANGUS

Judge: J. Garrett Tolan, Pleasant Plains, Ill.; Associate: H. H. Kildee, Ames, Iowa.

Bulls: Two-year-olds (20 shown)—1, Reverie Knoll Farm, Danville, Ky.; 2, Rundles Angus Farms, El Paso, Ill.; 3, Robert Green, Oaktown, Ind.; 4, Bethel Farm, Pine Plains, N. Y.; 5, J. H. Quisenberry, Winchester, Ky. Senior yearlings (21 shown)—1, Don Head Farms, Richmond Hill, Ont.; 2, Ellerslie, Charlottesville, Va.; 3, Lakewood Farm, Mukwonago, Wis.; 4, Penney & James, Hamilton, Mo.; 5, Otto G. Nobis, Davenport, Iowa. Junior yearlings (12 shown)—1, Bates Bros., Ada, Okla.; 2, Gilnockie Farms, Haywood, Va.; 3, Penney & James; 4, Quisenberry; 5, Howard Sayer, Mason Ohio. Summer yearlings (23 shown)—1, White Gates Farms, Flanders, N. J.; 2, Lakewood; 3, Bethel; 4, Edwards Bros., Watford, Ont.; 5, Voorhees Farms, Fairmount, Ill. Senior calves (31 shown)—1, C. V. Whitney Farms, Old Westbury, N. Y.; 2, J. C. McLean, Quincy, Ill; 3, Ankony-Dinsmore Farms, Rhinebeck N. Y.; 4, Nobis; 5, Howard L. McGregor, Rochester, Mich. Junior calves (22 shown)—1, French Broad Farms, Bowling Green, Ky.; 2, Ellerslie; 3, West Woodlawn Farms, Creston, Ill.; 4, Bates; 5, Robert F. Cresap, Seymour, Ill. Summer junior calves (16 shown)—1, West Woodlawn; 2, Quisenberry; 3, LeBaron Farm, Warrenton, Va.; 4, Lyman Kimmis & Sons, Prophetstown, Ill.; 5, Lewis B. Pierce, Creston, Ill.

Champion bull—Reverie Knoll, on Master Prince of Sunbeam; reserve, Rundles, on Ellesmere R. 21st.

Females: Two-year-olds (16 shown)—1, 2 and 4, Green; 3, Cresap; 5, Robert Schmidt, Delmar, Iowa. Senior yearlings (21 shown)—1, F. M. Bradley & Sons, Avon, Ill.; 2, Arthur Witham, Romeo, Mich.; 3, Reverie Knoll; 4, Green; 5, McGregor. Junior yearlings (25 shown)—1, Penney & James; 2, West Woodlawn; 3 and 4, Witham; 5, Nobis. Summer yearlings (13 shown)—1, Ankony-Dinsmore; 2, Green; 3, Don Head; 4, W. D. Fishback, Versailles, Ky.; 5, Penney & James. Senior calves (15 shown)—1, Penney & James; 2, Nobis; 3, Reverie Knoll; 4, El-Jon Farms, Rose Hill, Iowa; 5, Quisenberry. Junior calves (21 shown)—1, West Woodlawn; 2, El-Jon; 3, McGregor; 4, Nobis; 5, Witham. Summer junior calves (16 shown)—1, West Woodlawn; 2, Ellerslie; 3, Greenbrier Stock Farms, Lewisburg, W. Va.; 4, LeBaron; 5, French Broad.

Champion female—Green, on Elsa of R. L. S.; reserve, Ankony-Dinsmore, on Erica Bandolette A. D. 2d.

Groups: Three bulls—1, Nobis; 2, McGregor; 3, Reverie Knoll; 4, Lakewood; 5, Whitney. Two bulls—1, Nobis; 2, Rundles; 3, Whitney; 4, Lakewood; 5, Don Head. Pair females—1, Penney & James; 2, Witham; 3, Nobis; 4, McGregor; 5, Quisenberry. Get of sire—1, Nobis; 2, Witham; 3, McGregor; 4, West Woodlawn; 5, Whitney. Produce of dam—1, Dal-Bairn, Pine Plains, N. Y.; 2 and 5, Nobis; 3, McGregor; 4, Quisenberry. Pair yearlings—1, Penney & James; 2, Quisinberry; 3, Cold Saturday Farm, Finksburg, Md.; 4, Nobis; 5, Whitney. Pair calves—1, Nobis; 2, Whitney; 3, Penney & James; 4, West Woodlawn; 5, Ellerslie. Graded herd—1, Green; 2, Reverie Knoll; 3, Nobis; 4, McGregor; 5, Edwards. Best 10 head—Green.

POLLED SHORTHORNS

Judge: P. S. Shearer, Ames, Iowa.

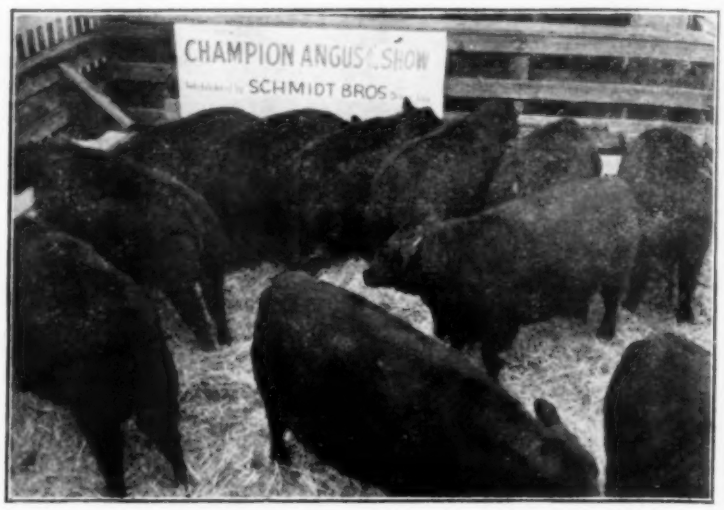
Bulls: Two-year-olds (3 shown) — 1, Leemon Stock Farm, Hoopeston, Ill.; 2, Alpine Farms, Lexington, Mo.; 3, A. G. Schubert, Hamilton, Ohio. Senior yearlings (2 shown)—1, Schubert; 2, R. H. Rank, Urbana, Ind. Junior yearlings (7 shown)—1, Cherry Hill Farm, Reisterstown, Md.; 2, Ben G. Studer, Wesley, Iowa; 3, Alpine; 4, Schubert; 5, Leemon. Summer yearlings (7 shown)—1, Wm. H. McDonnell, Yorkville, Ill.; 2 and 3, Lynnwood Farms, Carmel, Ind.; 4, Albert Hultine & Sons, Saronville, Neb.; 5, Cherry Hill. Senior calves (7 shown)—1, McDonnell; 2, Lewis Thieman, Concordia, Mo.; 3, Schubert; 4, Farnley Farm, White Post, Va.; 5, Leemon. Junior calves (7 shown)—1, Cherry Hill; 2, Hultine; 3, Lynnwood; 4, Thieman; 5, T. A. Collins, LaCrosse, Ind.

Champion bull — McDonnell, on Millbrook Crown; reserve, Cherry Hill, on Cherry Hill Royal Oak.

Females: Summer senior yearlings (5 shown)—1, Schubert; 2, Janesway Farms, Chillicothe, Ohio; 3, Lynnwood; 4, Roy Rutledge, Woodward, Okla. Senior yearlings (6 shown)—1, Cherry Hill; 2, Alpine; 3, Janesway; 4, Philip Marti, Waukon, Iowa. Junior yearlings (15 shown)—1, Cherry Hill; 2, Lynnwood; 3, Doris Herr, New London, Ohio; 4, Alpine; 5, Thieman. Summer yearlings (16 shown)—1, Dr. Parke Smith, New Richmond, Ohio; 2, Cherry Hill; 3, Lynnwood; 4, Hultine; 5, Kemp Warters & Sons, Allerton, Ill. Senior calves (16 shown)—1, Thieman; 2, Cherry Hill; 3, Schubert; 4, Warters; 5, Smith. Junior calves (14 shown)—1, Cherry Hill; 2, Hultine; 3, G. W. Symonds, Victoria, Ill.; 4, Warters; 5, Collins.

Champion female—Thieman, on Clarissa Coronita 4th; reserve, Cherry Hill, on C. H. Golden Nonpareil.

Groups: Three bulls—1, Cherry Hill; 2, Lynnwood; 3, Schubert; 4, Alpine; 5, McDonnell. Two bulls—1, McDonnell; 2, Cherry Hill; 3, Schubert; 4, Lynnwood; 5, Hultine. Two females—1 and 2, Cherry Hill; 3, Alpine; 4, Thieman; 5, Smith. Bull and female—1 and 4, Cherry Hill; 2, Alpine; 3, Thieman. Pair yearlings—1 and 5, Cherry Hill; 2, Alpine; 3, Lynnwood; 4, McDonnell. Pair calves—1, Thieman; 2, Cherry Hill; 3, Schubert; 4, Hultine; 5, McDonnell. Get of sire—1 and 3, Cherry Hill; 2, Schubert; 4, Alpine; 5, Thieman. Best 10 head—Cherry Hill.



These Angus shown by Schmidt Bros., Clinton county, Iowa, were best carlot of breed at International. They were nosed out for grand championship by Karl Hoffman's Herefords, Ida county.

Fat Cattle

STEERS

Judge: Richard S. De Quincey, Bodenham, Hereford, England.

Champions by Breed: Shorthorn—Claude Millwee, Fort Cobb, Okla.; reserve, University of Wyoming. Angus—C. E. Yoder & Sons, Muscatine, Iowa; reserve, Iowa State College. Hereford—University of Wyoming; reserve, Kansas State College.

Champions by Age: Junior yearling—Kansas State College (Hereford); reserve, Curtiss Candy Co., Chicago (Angus). Summer yearling—Claude Millwee (Shorthorn); reserve, University of Wyoming (Hereford). Senior calf—Harold Poag, Chickasha, Okla. (Shorthorn); reserve, Vern Carlson, Camanche, Iowa (Angus). Junior calf—C. E. Yoder (Angus); reserve, Virgil Schoeling, Garber, Okla. (Angus).

Grand Champion Steer: Claude Millwee (Shorthorn); reserve, University of Wyoming.

Champion Group of Three: Edward Stanford, Dale, Okla. (Angus); reserve, Harold Poag (Shorthorns).

CARLOTS

Judges: Si Hughes, H. C. Overman and John Renan, Chicago.

Breed Champions: Shorthorns—Hugh Morris, Ainsworth, Iowa (medium). Herefords—Karl Hoffman, Ida Grove, Iowa (light). Angus—Schmidt Bros., Delmar, Iowa (light).

Grand Champion Carlot: Hoffman (light).

CARCASS STEERS

Judges: George Brown, East Lansing, Mich.; Ellard Pfaehler and H. V. Major, Chicago.

Champion Carcass Steer on Hoof: C. V. Whitney Farms, Old Westbury, N. Y. (Angus); reserve, Ardith Goecker, Clarinda, Iowa (Angus).

Champion Carcass: Purdue University (Angus); reserve, Edward Hamann & Sons, Sunbury, Iowa (Angus).

Fat Hogs

BARROWS

Judges: Virgil Smith, Algona, Iowa (Berkshires); H. M. Meneough, Grimes, Iowa (Poland Chinas); Carroll Plager, Austin, Minn. (Durocs); Arthur Tomson, Wabash, Ind. (Chester Whites); Guy McReynolds, Ashland, Neb. (Hampshires); A. L. Anderson, Ames, Iowa (Spotted Polands and Herefords); I. M. Reed, Osceola, Iowa (Tamworths); Guy Harmon, Queenstown, Md. (Yorkshires); L. A. Weaver, Columbia, Mo., and R. G. Knox, Guelph, Ont. (champions).

Champions by Breed: Berkshire—Purdue University (medium); reserve, Purdue (heavy). Poland China—Purdue (heavy); reserve, Oscar Anderson, Leland, Ill. (medium); Duroc Jersey—Lyle Schertz, Benson, Ill. (medium); reserve, Purdue (heavy). Chester White—Miriam Meyer, Crescent City, Ill. (medium); reserve, Michigan State College (heavy). Hampshire — Purdue (medium); reserve, Ohio State University (light). Spotted Poland China—Michigan State (light); reserve—Lester Zachgo, Watseka, Ill. (medium). Hereford — Sellers Bros., Charlton, Iowa (medium); reserve, Boebel Farm, Naperville, Ill. (light). Tamworth—Perry Clauss, Mazon, Ill. (light); reserve, Tuscawilla Farm, Charleston, W. Va. (medium). Yorkshire—Curtiss Candy Co., Chicago (light); reserve, Suburban Home and Maplelawn Farm, Waynetown, Ind. (heavy).

Champions by Weight: Light (200 to 230)—Glen Cox & Son, Wabash, Ind. (Chester White); reserve, Ohio State University (Hampshire). Medium (231 to 270)—Miriam Meyer, Crescent City, Ill. (Chester White); reserve, Purdue University (Hampshire). Heavy (271 to 300)—Purdue (Poland China); reserve, Purdue (Berkshire).

Grand Champion Barrow: Miriam Meyer (medium Chester White); reserve, Purdue (medium Hampshire).

Grand Champion Pen: Oscar Anderson (medium Poland China); reserve, Purdue (medium Berkshires).

CARLOTS

Judge: Lee Miller, Chicago.

Weight Winners: Light — Walter Schlichting, Apple River, Ill. (Polands). Medium—W. H. Charlot & Son, Blair, Neb. (Berkshires). Heavy—Oscar Anderson, Leland, Ill. (Polands).

Champion Carlot: Walter Schlichting (Polands, average 228).

CARCASS BARROWS

Ten Barrows on Foot: Eugene Spielman, Harrisburg, S. D. (Berkshires).

Ten Barrow Carcasses: Curtiss Candy Co., Chicago (Yorkshires).

Champion Carcass: Michigan State College (medium Berkshire); reserve, Ohio State University (medium Berkshire).

Draft Horses

Judges: W. L. Blizzard, Stillwater, Okla. (Percherons); Michael Meyer, Elwood, Ind. (Belgians); Wreford Heyssen, Malton, Ont. (Clydesdales and Shires); Harry Linn, Des Moines, Iowa; E. A. Trowbridge, Columbia, Mo., and W. L. Blizzard (geldings).

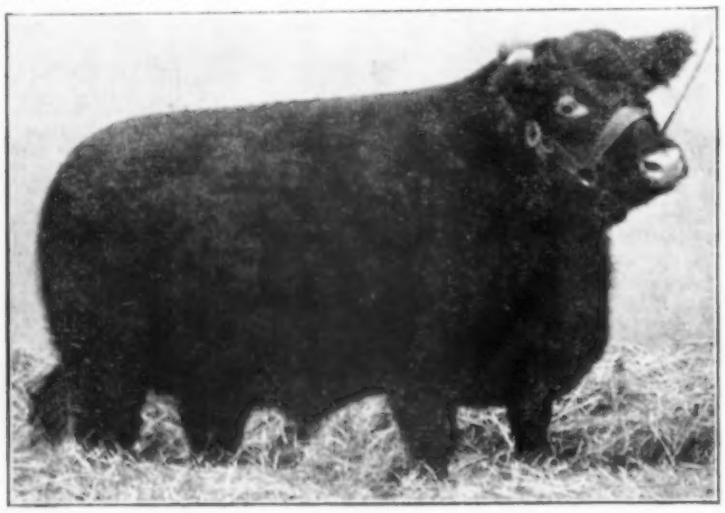
Percherons: Grand champion stallion—Dr. R. C. Snavely, Hagerstown, Md.; reserve, Lynnwood Farm, Carmel, Ind. Grand champion mare—Frank C. Barbje, Palatine, Ill.; reserve, M. H. Wood, Greentown, Ind.

Belgians: Grand champion stallion—A. L. Henise, Russellville, Ohio; reserve, C. O. House, Arcadia, Ind. Grand champion mare—W. G. Harkness & Son, Sidusky, Ohio; reserve, House.

Clydesdales: Grand champion stallion—Nathan Goff, Clarksburg, W. Va.; reserve, Chester Weston, Concord, Mich.

Shires: Grand champion stallion—Harold Naab & Sons, Charleston, Ill. Grand champion mare—Naab.

Geldings: Champion—Meadow Brook Farms, Rochester, Mich. (Belgian); reserve, Anheuser-Busch, St. Louis, Mo. (Clydesdale).



Champion International Shorthorn female was Marellbar Princess 5th, owned by William Bartholomay, Libertyville, Ill. She topped Augusta 115th, Clausens' pre-show favorite, from Spencer, Iowa.

"Next year I'm raising Poland Chinas—I can never see those Chester Whites in the winter.

Breeding Sheep

Shropshire: Champion ram—F. M. Shultz, DeGraff, Ohio; reserve, Wm. F. Renk & Sons, Sun Prairie, Wis. Champion ewe—F. M. Shultz; reserve, A. J. Moore, Butler, Ind.

Hampshire: Champion ram — Wm. F. Renk & Sons, Sun Prairie, Wis.; reserve, University of Wyoming. Champion ewe—Renk; reserve, Wyoming.

Oxford: Champion ram—William Duncan, Lake Villa, Ill.; reserve, William Nash, Shartsville, Ind. Champion ewe—Duncan; reserve, Charles Dooley, Libertyville, Ill.

Lincoln: Champion ram—Leeland Farms, Highgate, Ont.; reserve Stanley Graham, Alvinston, Ont. Champion ewe — Shaffer Bros., West Milton, Ohio; reserve, Leeland.

Cotswold: Champion ram—Shaffer Bros., West Milton, Ohio; reserve, Cottonwood Valley Farm, Kentland, Ind. Champion ewe—C. F. Harding & Son, Sigel, Ill.; reserve, Cottonwood.

Southdown: Champion ram — Earl Jenkins, Ashley, Ohio; reserve, University of Kentucky. Champion and reserve champion ewes—Jenkins.

Cheviot: Champion and reserve champion rams—Alvin L. Helms & Son, Belleville, Ill. Champion and reserve champion ewes—Helms.

Dorset: Champion ram—Willard Bitzer, Washington C. H., Ohio; reserve, Robert Jackson, Seneca, Ill. Champion and reserve champion ewes—Jackson.

Rambouillet: Champion ram—Oren Wright, Greenwood, Ind.; reserve, University of Wyoming. Champion and reserve champion ewes—Wyoming.

Suffolk: Champion ram — Torrance Beardmore, Mono Mills, Ont.; reserve, Harry McClain, Lima, Ohio. Champion ewe—Elmcraft Farm, Oshawa, Ont.; reserve, McClain.

Corriedale: Champion and reserve champion rams—H. E. McBride, Harpster, Ohio. Champion ewe—University of Wyoming; reserve, McBride.

Fat Sheep

Grand Champion Wether: Oklahoma A. and M. College (Shropshire); reserve, Ohio State University (Southdown).

Grand Champion Pen: Ohio State (Southdown); reserve, Iowa State College (Southdown).

Champion Carlot: H. C. Besuden, Winchester, Ky. (Southdown cross).

Champion Carcass: Ben Disch, Evansville, Wis. (Southdown).

Junior Feeders

STEERS

Judge: Richard S. de Quincey, Bodenham, Hereford, England.

Shorthorn: Champion — Claude Millwee, Fort Cobb, Okla.; reserve, Bill Martin, Harrisburg, Ill.

Hereford: Champion — Kathryn Ann McKinley, Frankfort, Ill.; reserve, George Graber, Mineral Point, Wis.

Angus: Champion — Vern Carlson, Camanche, Iowa; reserve, Virgil Schoeling, Garber, Okla.

County Group: Champion, Garfield county, Okla.; reserve, Kane county, Ill.

State Group—1, Illinois; 2, Oklahoma; 3, Iowa.

Champion Junior Steer: Claude Millwee (Shorthorn); reserve, Vern Carlson (Angus).

BARROWS

Judge: A. L. Anderson, Ames, Iowa.

Light: Roland Anderson, Leland, Ill. (Poland).

Medium: Miriam Meyer, Crescent City, Ill. (Chester White).

Heavy: Roger Worthington, Livingston, Ill. (Hampshire).

Champion Junior Barrow: Miriam Meyer.

LAMBS

Judge: P. A. Anderson, St. Paul, Minn.

Light Pen: Audrey May Brown, Aledo, Ill.

Heavy Pen: Arlo Jenssen, Garber, Okla.

Champion Pen: Arlo Jenssen.

SOMETHING MORE THAN BEER ... A TRADITION

When a beer has the quality that you taste in every sip of Budweiser, you quickly sense why it is preferred everywhere.

Even the world's largest brewery cannot meet the demand for good taste. So, an expanded production program will get under way just as soon as the building skills and critical materials are available.

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TRADE MARK REG. U. S. PAT. OFF.

IT LIVES WITH GOOD TASTE ... *EVERYWHERE*

ANHEUSER-BUSCH • • • ST. LOUIS

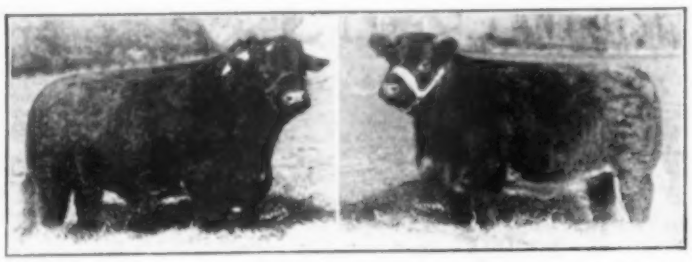
SHORTHORN DISPERSION

Two Good Herds

In comfortable sale pavilion at Osceola fair grounds

Sibley, Iowa, Wednesday, January 14, 1948

49 HEAD—14 CHOICE BULLS, 35 EXCELLENT FEMALES



EDELLYN MODOC MERCURY, a 3-year-old son of the Perth Champion, Calrossie Mercury. Dam Edellyn Orange Blossom 37th. A tried and proven sire.

MERDALE FLORELLA RUBY, a November yearling. A double-bred Edellyn Clipper Mercury. One of the best heifers to sell this year. You don't find them any thicker.

ALBERT HAMANN, Inwood, Iowa—A complete Dispersion, 7 bulls, including the herd sire, **EDELLYN MODOC MERCURY,** by Calrossie Mercury, Dam a daughter of the International Grand Champion, Sultan Browndale. 17 richly-bred females, several are bred and a number of attractive open heifers.

CLYDE PALMER, Harris, Iowa—Dispersing all but 8 head. This is one of the select herds in Iowa. 7 top bulls and 18 beautiful females, featuring the blood of his great sire, **EDELLYN CLIPPER MERCURY,** by Calrossie Mercury. Breeding and quality that will please.

Some of the finest quality cattle found in any sale in America this year. Featuring herd bull prospects for strong Farmer and Breeder herds and extra choice royal-bred females, including grand breeding matrons with calves at foot and rebred. Good bred heifers and a wonderful lot of open heifers. The quality and blood lines that are available only in a **DISPERSION.** All **T.B.** and **Bangs** tested. Ask now for **FREE** catalog. Please mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEB.

Auctioneer, J. E. Halsey — Maurice W. Boney, Fieldman

NOTE: Tri-State Shorthorn sale held in same pavilion the day before.

TRI-STATE Shorthorn Breeders' Sale!

In comfortable sale pavilion, Osceola County Fair Grounds

SHOW—9:30 A. M. SALE—12:30 P. M.

Judge: Gilbert Elken, Jr.

Sibley, Iowa, Tuesday, Jan. 13

60 HEAD—30 BULLS, 30 FEMALES

An outstanding lot of richly-bred cattle selected with care from good herds. The bulls are a great lot and will please those looking for herd bulls, most all ready for immediate service. Females include cows with calves and rebred to top herd sires, bred cows and heifers and beautiful open heifers. The consignors are:

DR. S. A. DONAHOE ..... Sioux Falls, So. Dak.
HELD BROS. ..... Hinton, Iowa
HAROLD RHODES ..... Spencer, Iowa
MELVIN CRMERY ..... Worthington, Minn.
SWANSON BROS. ..... Estherville, Iowa
PETER BELL & SONS ..... LeMars, Iowa
W. H. BASSETT ..... Rushmore, Minn.
VEARL HESS ..... Spencer, Iowa
C. H. & R. D. ARTHUR ..... Spirit Lake, Iowa
RALPH HELLINGA ..... Harris, Iowa
ELMER E. BRAWNE ..... Merrill, Iowa
N. J. HAUPERT ..... Granville, Iowa
HOWARD HILDRETH & SON ..... Terril, Iowa
GUS ANDERSON ..... Hartley, Iowa
FRANK ADAMS & SON ..... Hartley, Iowa
JOHN MEISKA & SONS ..... Hartley, Iowa
KENNETH REIDEMANN ..... Hartley, Iowa
CLARENCE SMITH & SON ..... Paullina, Iowa
GEORGE HELMERS ..... Sibley, Iowa
MARTIN LUINSTRA ..... Harris, Iowa
CLAUDE SEELEY & SON ..... Ringsted, Iowa
CHARLES ROTHES ..... Ocheyedan, Iowa
R. W. HALL ..... Larrabee, Iowa

Some of the greatest sires of the breed are represented in this sale offering which include **EDELLYN ROYAL LEADER 19th, BLYTHWOOD NATIONAL COMMAND; EDELLYN LOYAL MERCURY; N. U. ROYAL NUGGET; SULTAN'S COMET; GOLD BARRAGE; ROYAL TOFT; CHIEF CONSUL; EDELLYN HIGH COMMAND** and other great sires. Good breeding. All **T.B.** and **Bangs** tested. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

MARTIN LUINSTRA, Sale Mgr., HARRIS, IOWA

Auctioneer, J. E. Halsey — Maurice W. Boney, Fieldman

REMEMBER: Palmer-Hamann sale January 14th. 110 choice cattle sell in same pavilion in the two days' sale.

The International Polled Shorthorn sale, Chicago, Ill., December 4, was most successful. The grand champion female, Clarissa Coronita 4th, a daughter of King of the Vanities, from the Lewis W. Thieman herd, Concordia, Mo., sold for the top of $2,500 to Ben W. Franklin, Kingston, Ontario, Canada, who bought seven of the females. Lynnwood Lavender B., by Lynnwood Nugget, a Lynnwood Farm entry, brought $1,400, and went to Albert Hultine & Son, Saronville, Neb. Dutch Girl, a daughter of Rosewood General, and consigned by Marshall L. Bayle, was bred in July to Master Stamp, 1946 International grand champion, and sold for $950 to Mrs. Glenn Yoakam, of Keswick, Iowa. The top bull was Glenn Knolls Monarch 2d, a brother to the top bull in 1946. He came from the A. G. Schubert herd, and sold for $1,500 to J. W. Bennett, Winona, Wash. Glenwood Trailblazer sold for $1,125 to Hubert Oakes, Laurel, Ill. Millbrook Crown's Memory, by Millbrook Sentry, the sire of the International grand champion bull, and consigned by Wm. H. McDonnell, sold for $1,050 to W. A. Rathbun, Kentland, Ind. Alpine Emblem, a son of Collynie Impression, and an Alpine Farms entry, sold for $1,000 to Falcon & Scott, Rowley, Iowa. Glen Knolls Masterpiece, by Glen Knolls Rufus, brought $750, and was purchased by Glenn Yoakam & Son, Keswick, Iowa. The 19 bulls averaged $660, with 35 females at the same average.

HILLYARD-TRACEY SALE

Choicely Bred Hereford Cattle

64 HEAD — 13 BULLS, 37 COWS, 14 CALVES

Atlantic, Iowa January 5th

Fair Grounds Sale Pavilion

WILL F. TRACEY is closing out his herd and he is selling 30 head of good Stanway and Domino bred cows, and five of these are selling with calves at foot. The remainder are bred and are in calf. He is selling one yearling bull, a grandson of Comprest Prince, one of the best Comprest bulls in western Iowa. He is moving to town and consequently is selling these cattle. You will find some real bargains here in this sale.

RALPH HILLYARD & SONS are selling 12 yearling bulls and his splendid herd bull, **ROBERT DOMINO.** This bull is a 5-year-old and is a son of Iowa Domino 16th, the bull that made the reputation of the well known herd of Judge Johnston. They will also sell 7 cows, and these will have calves at foot by **ROBERT DOMINO.** The bulls they are selling are sired by Robert Domino and Alex Domino. We will also sell Robert Domino in this sale. He is a good bull and a splendid breeding bull.

If you are looking for some good bargains you will find them in our sale. The sale will be held in the sale barn on the fair grounds. Good connections either with bus or trains from all points. So make it a point to be with us on day of sale. Please mention Wallaces' Farmer and Iowa Homestead when writing for catalog. Address

RALPH HILLYARD & SONS, Cumberland, Iowa, or
WILL F. TRACEY, 1402 Chestnut Street, Atlantic, Iowa

Cols. Freddie Chandler and Henry Howe, Auctioneers

Advertisement

From where I sit ... *by* Joe Marsh

Mystery of the Missing Farms

Yep, the number of farms in America is shrinking (by a quarter-million in the last five years!). What's happened to the missing farms? They've been taken in by other farms, increasing the average size by twenty acres!

Does this growth mean farming's no longer a family enterprise? Just the opposite! More families own farms today than ever—only with labor-saving equipment they can handle more land, more work.

That's as it should be. The farm is a fortress of democracy—where our American life is secure. Where every member co-operates and shares the work ... living together in temperance and tolerance—temperance that prefers a moderate beverage like beer, and tolerance for a taste that may be different from one's own.

From where I sit, our Family Farms (and they're 96% of *all* farms) are something that this country can be proud of!

Joe Marsh

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—ADEL—

HEREFORD SALE

In comfortable pavilion, located 20 miles west of Des Moines at

Adel, Iowa, Saturday, January 10

40 BULLS — 50 FEMALES

POLLED and HORNED HEREFORDS

In the sale heretofore some of the best cattle sold during the season have been listed in the sale. Top individuals from some of Iowa's leading herds. Choice richly-bred individuals, displaying type and merit. You can find many bulls of serviceable age, both **POLLED** and **HORNED** . . . suitable for real herd-headers. The females include cows with calves and rebred, bred cows and heifers and attractive open heifers. The sort for improvement. The consignors are:

Donald Burgess	Panora, Iowa	Chas. Hart & Son	Conway, Iowa
H. L. Ross & Son	Earlham, Iowa	N. M. Leonard & Son	Waukee, Iowa
Z. A. Wynkoop & Son	Earlham, Iowa	Albert DeWitt & Son	Peru, Iowa
Earl E. Clements	Earlham, Iowa	Virgil Russell	New Virginia, Iowa
C. H. McKinnie & Son	Afton, Iowa	H. J. Sheriff	Orient, Iowa
Walter J. Blauer	Afton, Iowa	W. F. Asmus	Audubon, Iowa
A. Cecil Walker	New Virginia, Iowa	Meredith Farms	Des Moines, Iowa
Ray O. Stark	Boxholm, Iowa	F. L. & R. K. McCreary	Mt. Ayr, Iowa
Henry Weinkoetz	Afton, Iowa	Marshall E. Mack	Grand Junction, Iowa
Harvey Kline	Melrose, Iowa	Floyd H. Woods	Orient, Iowa
Julius Ahrendsen	Audubon, Iowa	Lyle Woods	Orient, Iowa
Dollie Bedwell	St. Charles, Iowa	Glen Z. Randau	Ames, Iowa
Herman Wurster & Sons	Clearfield, Iowa	Grimes Hereford Farm	Grimes, Iowa
Albert Forret	Booneville, Iowa	J. A. Stovall	New Sharon, Iowa
C. C. Granfield	Lorimor, Iowa	Frank & Ralph Binder	St. Charles, Iowa
C. S. Wimmer	Afton, Iowa	John Dittmer & Sons	Lacona, Iowa
Floyd Janssen	Thornton, Iowa	Morris M. Sundell	Ogden, Iowa
R. D. Lawrence	Truro, Iowa		

Some of Iowa's best cattle will sell, a place where you can buy top cattle at your own price. The cattle will be presented in good, strong breeding condition, which is to the advantage of the prospective buyer. The large number affords a wide selection. All cattle **T.B.** and **Bangs** tested. Make plans to attend. Ask for the **FREE** catalog. Please mention this publication. Address

ALBERT DeWITT, Sale Mgr., PERU, IOWA

Auctioneer, J. E. Halsey M. T. White, Fieldman

—EAST CENTRAL—

Iowa Hereford Association

SHOW **SALE**

January 7, 1:00 P. M. January 8, 12:00 Noon

Judge, Wilfred Worner, San Jose, Ill.

To be held at fair grounds

Davenport, Iowa, January 7th - 8th

36 BULLS — 26 FEMALES

A splendid offering selected with care from the best herds in this section, which include good cows with calves at side and rebred to top herd sires. Choice bred cows and heifers and some most attractive open heifers, many suitable for 4-H heifers. Many bulls ready for immediate service. The consignors are:

ALVIN DAVIDSON & SONS	Mechanicsville	J. H. DOERFER	Muscatine
H. W. GRUNDER	Wilton Junction	LYSLE EICHELBERGER	Muscatine
WALTER GREIP	DeWitt	HILLANDALE FARM	Muscatine
ED HARRING & SON	DeWitt	A. KLEIS & SON	Baldwin
HARRING & HUBBARD	DeWitt	HENRY KOHLENBERG & SON	Bellevue
JOSEPH W. MEEKER	Letts	CHAUNCEY MEYER	Bellevue
FRANK & LEONARD NEFF	Grand Mound	LYMAN MEYER	Bellevue
CLARENCE F. PAULSEN	Stockton	DALE PAUSTIAN	Walcott
ROBERT ROCK	Dixon	JACK SOLEMINK	Nichols
FRED & DAVE STOCK	Lone Tree	WM. SLATER & SONS	Nichols
WHITE GATE FARM	Tipton	ROY WIESE	Donahue
		C. A. WILLIAMS	Charlotte

The large number affords a great opportunity to buy cattle with quality and the best blood lines in eastern Iowa. Remember **DAVENPORT** is the place to buy your **HEREFORDS.** Plan now to attend. Ask for **FREE** catalog; please mention this publication. Address

ROY WIESE, Sale Manager, Box 7, DONAHUE, IOWA

BANQUET: BlackHawk Hotel, Davenport, Iowa, 6:30 P. M., January 7th. All are invited. Come.

Auctioneer, Guy Pettit

SOUTHWEST IOWA PUREBRED SHEEP BREEDERS ASSOCIATION

At Iowa Sheep and Wool Growers Assn., 313 Southwest 5th Street

ANNUAL BRED EWE SALE

DES MOINES, IOWA, JANUARY 3, 1947

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60 HEAD Top individuals, selected from each consignor's flock, bred to choice Stud Rams. Excellent breeding. The greatest lot we have ever offered. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

DWIGHT L. CARMICHAEL, Secy., VILLISCA, IOWA

Send Mail Bids to DEWEY JONTZ, State House, Des Moines 9, Iowa.

Auctioneer, Fred Chandler

Iowa Hereford Cattle Breeders Association

INCORPORATED

47th Annual Show and Sale

SHOW—1:00 P. M. **SALE—12:30 P. M.**

January 5th **January 6th**

At Stock Yards Sale Pavilion

Sioux City, Iowa, January 5th & 6th

80 HEAD -- 60 Bulls -- 20 Females

In our 47th annual show and sale we are presenting what we consider the greatest array of Hereford Cattle that has ever been consigned by the members of this Association. We can truthfully say that buyers will find the quality higher than ever before.

In the offering will be found bulls and females of the same stamp as have produced prize winners in breeding classes and steer divisions at many regional and national shows. The Iowa consignors are:

C. E. Conover	Ida Grove	Wm. P. Leslie	Auburn
Alex Conover	Holstein	Dick Hinkeldey	Alta
Allen Lundgren	LeMars	F. M. Osterhuis	Hospers
Ralph Gilbert	Peterson	H. L. & M. D. Kratochvil	Hawarden
E. O. Johnson & Son	Milford	Watts & Thomas	Pacific Junction
Elmo Bush & Sons	Lake Park	V. R. Preston	Kingsley
Ralph Halstron	Cherokee	Mrs. Emma Lehnhardt	Aurelia
Merlyn F. Smith	Newell	Carl Bauer	Rembrandt
	Walnut Grove Hereford Farm		

JUDGING CONTEST, January 6th at 10:00 A. M. Contest rules: Open to all **4-H boys and girls** and **Future Farmers of America.** Substantial prizes will be awarded to the winners. Come and study the cattle shown Monday, **January 5th** at 1:00 P. M., and attend the sale starting at 12:30 P. M., Tuesday, **January 6th.**

An outstanding event you will want to attend. Make plans now. Write for your **FREE** catalog and please mention this paper when writing. Address

F. W. KETELSEN, Secy.-Mgr., EVERLY, IOWA

Auctioneer, Fred Chandler Maurice W. Boney, Fieldman

Attend the Banquet at Jackson Hotel, Night, January 5th.

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Hardy Grimm $19.20; Scarified Sweet Clover $9.15; New Timothy $3.20; Timothy and Alsike Mixed $6.45; New Strain Brome $3.45; Hybrid Seed Corn, tested, $4.75. Prices low on Red Clover, Lespedeza, Alsike; Clinton, Mindo and Benton Oats, etc. Our seeds recleaned, tested. Guaranteed satisfactory and sold subject your 60-day test. Write for Free Samples and 1948 catalog. Hurry, scarcities exist. AMERICAN FIELD SEED CO., Dept. 304, Chicago 9, Illinois.

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HORSES
Percheron Mares

One 5, one 2, one yearling; also one yearling stallion and two yearling geldings.

DAIRY BULLS

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Iowa State College Ames, Iowa

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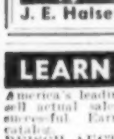

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OAKLAND DAIRY FARM
GREENWALD BROS. MUKWONAGO, WIS.

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HEIFERS
All ages. Some bred. Good breeding. Sold on approval.
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HEIFERS
Well marked, choice high grades, six to eighteen months, tested, carloads or truck loads.
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Heifer calves, about month old. Top quality Holsteins or Guernseys, 4 for $145.00 delivered. All charges prepaid by us. Will ship C.O.D.
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Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
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HOLSTEIN BULLS
Governor of Carnation and Posh breeding, serviceable age. You will like them.
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Several choice big registered bulls out of Dams with records of 500-lbs. to 600-lbs. butterfat. Ready to use. Reasonable. Write for FREE illustrated circular and price list. Phone 2188 Y1.
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Livestock News

The Shorthorn sale at the Chicago International, December 4, was one of the best they have made in recent years. The International grand champion bull, Kelburn Banker Royal, a roan May yearling son of Mount Banker, reserve champion at Perth, and consigned by Richardson Stock Farm, Winnipeg, Canada, sold for $9,100 to Dr. A. H. Weiland, Pawnee, Ill., and Black & Miller, Sharpsburg, Ill. Goldfinder's Star, from Clausen Bros., Spencer, Iowa, brought $4,300 and went to Gary McIntosh, Lewiston, Idaho. Don Hill Royal Leader 2d, from the S. A. Donahoe farm, sold for $3,600 to Elmer Ester & Sons, Carrier, Okla. Edellyn Twofold Mercury, from Edellyn Farm, sold for $2,000 to Elhamwood Farm, DeKalb, Ill. Philroth Reliance, from the L. E. Mathers, Jr., herd, sold for $2,100 to G. A. Riehle, Indianapolis, Ind. Proud Prince Achtol, from Arnold Bros., brought $2,000 and went to Otto Thede, Burton, Neb. Prince William 20th, a Ben G. Studer entry, sold for $1,750 to Glen Lacey & Son, Miltonvale, Kan. W. L. Impression 2d, from the W. C. Anderson & Son farm, sold for $1,025 to Ralph Hesse, of Freeburg, Ill. M. F. Prince Peter 14th, from Merryvale Farm, sold for $1,000 to McNeill Bros., Onawa, Iowa. Glen Rule Annex, from Holz Bros., brought $1,100 and went to John R. Cummings, Elisabeth, Colo. Violet Princess 25th, from Clausen Bros., sold for $2,000 to Merryvale Farms, Grandview, Mo. Clara Belle 23d, from Robert Holz, Rippey, Iowa, sold for the same price, $2,000, to Howard V. Reilly, of Sergeant Bluff, Iowa. Village Victoria 44th, from Dewar Bros., Cherokee, Iowa, sold for $1,525 to Edellyn Farm, Wilson, Ill. The top 25 bulls averaged $1,783, with the top 25 females selling for $1,090 each, and the top 50 cattle making a general average of $1,441. The 37 bulls averaged $1,378, with 63 females at $743 each, and the 100 head sold for $97,840, a general average of $978. The cattle went to buyers in 23 states, with Iowa taking 10, Illinois 23, Indiana 10, Ohio 12, and many other states were included. Auctioneers, J. E. Halsey and Hamilton James.

The International Hereford sale, Chicago, Ill., the night of December 2, was very successful. The top bull, American Triumph 3d, a son of American Triumph, consigned by Jewett Fulkerson, Liberty, Mo., topped the sale at $5,000, and was purchased by Hi-Point Farms, Romeo, Mich. American Mixer Lady 10th, by American Super Mixer, another Fulkerson entry from his Heart of America Farms, Liberty, Mo., topped the females at $3,000, and was bought by James T. Holohan, Honeyoe Falls, N. Y. The 27 females averaged $726, with 22 bulls at $827 and the 49 lots at a general average of $802. Auctioneer, A. W. Thompson.

JERSEYS

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs

J. J. NEWLIN
Polk County Johnston, Iowa

JERSEY

Three young bulls ready for light service. Also younger bull calves. Any one of them would please you. Send for FREE list.
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FESTUS, MISSOURI

Registered Jersey Bulls

Buy your future Herd Sire from Iowa's highest producing Jersey herd. Herd average 536 lbs. B.F. Classification Ave. 86.17.
EVERETTE DAVIS, CRAWFORDSVILLE, IOWA

ABERDEEN ANGUS

ABERDEEN ANGUS

Now offering four good bulls from 15 to 21 months of age sired by Prizemere 519th. Also can spare a few females. Come or write.
AUSTIN AND GARRELS DUMONT, IOWA

REGISTERED ANGUS CATTLE

Cows with calves. Bulls serviceable age. Bull calves, suitable for 4-H. Heifers ranging in age of yearling to two-year olds. Breeding: McHENRY, BARBARA, BLACKCAP, MARSHALLS and BLACKBIRDS. Farm one-half mile east, one-fourth mile south of St. Charles, Iowa.
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AYRSHIRES—GUERNSEYS

Very choice Ayrshire dairy heifers. $30 and upward. Also a few Guernseys.
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REGISTERED HEREFORD BULLS AND FEMALES

For sale now highest quality registered Hereford bulls and females we have ever produced. Hazford, Beau Aster, Real Prince Domino, Battle Pioneer, and Blocky Mischief VII blood lines, which are recognized as being the leaders in the breed today. BONES STOCK FARMS, PARKER, SOUTH DAKOTA.

Two Choice Registered
HEREFORD BULLS
Age 18 and 27 Months
ARCHIE SWANSON DANBURY, IOWA

REGISTERED HEREFORDS
Leading blood lines, lots to suit.
High Grade JERSEYS.
SHAWNEE CATTLE CO. DALLAS, TEXAS

HOGS MAKE FASTER GAINS ON LESS FEED
with BOLSON'S MINERAL PROTEIN CONDITIONER

The L.C.BOLSON Co.
A NAME YOU CAN TRUST IN FEEDS!
DECORAH, IOWA.

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Scotch Shorthorn Bulls

Outstanding individuals, well developed, excellent types, pleasing colors, rich pedigrees and ready for service. Wide selection available in your immediate vicinity. For FREE information write or phone

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PEERLESS AND BELLE VERNON HERD of
MILKING SHORTHORNS

Because of ill health, retiring to smaller farm. Will sell nearly all the herd. Bulls 2 to 14 months old. Females 2 months to mature cows. Best of Bates, Clay and Imported English families, with highest milking ancestry possible to obtain. Priced to sell. Also White Collie Puppies, guaranteed natural heelers.
JOHN LOGSDON, Mgr. DECORAH, IOWA

MILKING SHORTHORNS

Bulls of serviceable age. GOOD TYPE. Backed by generations of high-producing RECORD OF MERIT dams. Sired by McKee's BLACKWOOD BARON, whose dam averaged 13,625 lbs. milk and 525 lbs. butterfat for nine lactations. Or by McKee's LORD SOMERSET (classified excellent), whose seven nearest dams averaged 10,426 lbs. milk and 433 lbs. butterfat.
McKEE FARMS Carlisle and Indianola, Iowa

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One red daughter of an International Champion. Other young cows and open heifers. Reds and roans.
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Sired by State Fair Champions. Short headed, low down, feeder type. 200 all ages. Large litters. Special offer to 4-H, F.F.A.
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50 Chester White Boars

Outstanding individuals, mostly March farrow, sired by Model Chief, 549743; College Captain, 549741; Combination, 546415 and Victory Boy, 535521. Anyone looking for a good herd boar, well grown and the type in demand today, with well balanced body conformation and uniformity, depth of body, ham and good bone and feet, with smoothness, size and quality all the way around, should inspect our herds. Immuned, new blood for past customers. Reasonable prices. Write or visit.
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50 DUROC BOARS FOR SALE

The best boars we have ever raised. Sired by Admiral Prince 103197 and Invincible Leader 300900, out of high class sows. Good colors, well grown. Write or come and see them. Address
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Sired by a son of Sir Royal Leader, 1946 Iowa Grand Champion, weighing at 300 lbs. Good individuals and bred to a son of the 1947 Iowa Grand Champion, SPOTLIGHT'S IMAGE. Prices reasonable. Cholera immune. (1½ mi. S. and 3 mi. E.)
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NEW! DIFFERENT! DISTINCTIVE MARKINGS!
SHIPPED C O D YOUR APPROVAL
FREE CIRCULAR

YALEHURST FARMS, PEORIA, ILL.

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Choice registered boars, DELUXE and JASPER RETURN breeding. Top blood lines of the breed. Reasonable. Write or visit.
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Increase your meat production. The value of the Minn. No. 1 Hybrid is proven as a producer of fine pork. We can furnish boars, gilts and weanlings. Boyt Realty Co., 212 Court Ave., Des Moines 5, Iowa. Phone 3-4189.

A LIMITED NUMBER OF
MINNESOTA NO. 2
1947 FALL BOARS
Place your order now for 1948 spring farrowed boars and gilts.
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FORTY POLAND CHINA BRED GILTS

These are real choice gilts weighing 250 to 300 lbs. Bred to Grand Slam 24557, our new herd boar, and Tru Gold 1005, for February, March and April farrow. Suitable for F.F.A., 4-H or purebred herd. Cholera immune, registered and guaranteed to please. Price $100 each, 10 for $950. We ship anywhere. Come, phone or write.
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NEW CROP SCARIFIED **SWEET CLOVER** $8.90 BU.

Unhulled Sweet Clover $4.50; Red Clover, contains some other crop seeds, $23.50; Hardy Alfalfa $14.70; Grimm Alfalfa $18.90; New Timothy $3.10; Alsike and Timothy $6.30; New Strain Brome $3.40. All per bushel, triple recleaned. Low prices on Red Clover, Alsike, Lespedeza and others. Hybrid Corn $4.75. Guaranteed satisfactory. Free samples — catalog. CHARLES SINN, Box 404, Clarinda, Iowa.

SPOTTED POLAND CHINAS

SPOTTED POLAND CHINA BOARS

Good, rugged, easy feeding kind with lots of size and quality. Always new blood for old customers.

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bred for March farrow to Glory B, a top son of $3,500.00 New Glory and Rocker F.B.I., grandson of two famous boars. One good March boar. Fall pigs; one litter sired by Bingo and out of Princess Pat, both Iowa Grand Champions.

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Fall and spring gilts, bred to Corn Silk by Grandview Supreme; Silver Tone by K.C. Chief; National Topic, he by Silver Tone. National Topic is named right because he is perfect. Also fall pigs, either sex. A real offering.
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Bred sows, fall boars sired by and bred to Advance Registered Boars. Write or wire.
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BRED GILTS, BOARS AND WEANED PIGS.
Iowa's Champion Herd.
OAKVIEW FARM
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Boars, Gilts and Sows with litters for sale.
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SUFFOLKS, LINCOLN, COTSWOLD
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Our Shropshires have type, quality and size. Flock headed by rams from leading breeders of midwest.
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GENUINE ENGLISH SHEPHERD PUPS

Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
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(Heelers, no fooling.) (Year's trial.) Guaranteed. Training instructions. Males, females, spayed females specialty. (Several partly trained.)
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Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
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ENGLISH SHEPHERD, OR COLLIE PUPS for watch and stock. Also registered Scotch collies. Reasonable.
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Workers—Companions—Guards. Write for free lists.
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WANTED TO BUY
Good English Shepherd or Collie Pups
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Airedale Females, Registered, $15 Up
Cockers, $10 Up
Mink for breeding stock
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Coming Livestock Sales

ABERDEEN ANGUS

Jan. 13—Earl H. Irwin and Herbert Weitzel, at Sac City, Iowa; Earl H. Irwin, Mgr., Early, Iowa.
Feb. 18-19-20—National Show and Sale, Chicago, Ill.
Feb. 21—B. A. Dye, Princeton, Ill.
Feb. 23—Central Illinois Annual Bull Sale, Congerville, Ill.; Simon E. Lantz, Secy.
Feb. 24—Lamoine Valley Breeders Assn., Macomb, Ill.; Bruce Bricker, Sale Mgr.
Feb. 28—C. S. Harvey & Sons (Dispersion), Knoxville, Iowa.
Mar. 1—Johnston Bros., Belton, Mo.
Mar. 2—Penney & James, Hamilton, Mo.
Mar. 3—North-Central Missouri Breeders, Chillicothe, Mo.; Lewis Anderson, Secy.
Mar. 5—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Mar. 10-11—Iowa State Show and Sale, Des Moines, Iowa; D. A. Jay, Secy., Ames, Iowa.
Mar. 15—Interstate Aberdeen Angus Breeders Assn., at Sioux City, Iowa. P. K. Pratt, Secy., Walnut, Iowa.
Mar. 17—Chariton Valley Breeders, Kirksville, Mo.; Otto L. Shinn, Secy.
Mar. 23—Goose Creek Farms, Nau & Son, Bar-H., and Twin Knoll Farms, Columbus Junction, Iowa.
Mar. 25—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Mar. 24—Frank M. Bradley, Avon, Ill.

HEREFORDS

Jan. 5—Ralph Hilyard & Son and Will Tracey, at Orient, Iowa; Ralph Hilyard, Mgr., Cumberland, Iowa; sale at Fair Grounds, Atlantic, Iowa.
Jan. 5-6—Iowa Breeders Assn. Show and Sale, Sioux City, Iowa; F. W. Ketelsen, Secy., Everly, Iowa.
Jan. 7-8—East Central Iowa Assn., Davenport, Iowa; Roy Wiese, Mgr., Donahue, Iowa.
Jan. 10—Adel Hereford Sale, Adel, Iowa; Albert DeWitt, Mgr., Peru, Iowa.
Jan. 26-27—Iowa State Show and Sale, Des Moines, Iowa; J. C. Holbert, Mgr., Washington, Iowa.
Mar. 4—Blue Grass Assn., Inc., Albia, Iowa; Glen Hazen, Secy., Ottumwa, Iowa.

POLLED HEREFORDS

Feb. 11—Northwest Iowa Polled Hereford Assn.; sale at Sioux City, Iowa; Ed Krise, Secy., Rock Rapids, Iowa.

SHORTHORNS

Jan. 13—Tri-State Sale, Sibley, Iowa; Martin Lninstra, Mgr., Harris, Iowa.
Jan. 14—Albert Hamann, Inwood, Iowa, and Clyde Palmer, Harris, Iowa; at Sibley, Iowa; Merv. Aegerter, Mgr., Seward, Neb.
Feb. 7—Dewar Bros., Cherokee, Iowa.
Feb. 18—Thirty-third Annual Spring Show and Sale, Omaha, Neb.; Mervin F. Aegerter, Sale Mgr., Seward, Neb.
Mar. 1—Missouri State Sale, Chillicothe, Mo.; Merv. F. Aegerter, Sale Mgr., Seward, Neb.
Mar. 1-2—Iowa Royal Show and Sale, Des Moines, Iowa; [illegible] Garden, Sale Mgr., Des Moines, Ia.
Mar. 3—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Mar. 8—Southwest Iowa Breeders Show and Sale, Red Oak, Iowa; Malcolm D. Lomas, Mgr.
Mar. 8-9—Interstate Breeders Assn. Show and Sale, Sioux City, Iowa; F. E. Jackson, Sale Mgr., Hurley, S. D.
Mar. 15—Marshall County Breeders Sale, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Mar. 19—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Mar. 22—Northwest Missouri Breeders, Maryville, Mo.; James Meyer, Mgr.
Mar. 30—Sioux Empire Club, Sioux Falls, S. D.; Al Halverson, Secy.-Mgr., Box 481, Sioux Falls, S. D.

POLLED SHORTHORNS

Feb. 17—Iowa Breeders Show and Sale, Cedar Rapids, Iowa; Earl S. Girton, Sale Mgr., Box 292, Marshalltown, Iowa.
Feb. 19—Thirty-third Annual Spring Show and Sale, Omaha, Neb.; Mervin F. Aegerter, Sale Mgr., Seward, Neb.
Mar. 20—Illinois State Sale, Springfield, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.

CHESTER WHITES

Feb. 7—R. V. Copp, Glidden, Iowa.
Feb. 9—Joe Madden, Maryville, Mo.
Feb. 9—Ross Willey & Son, Onawa, Iowa; sale at Sioux City, Iowa.
Feb. 12—Roy V. Copp, Glidden, Iowa.
Feb. 13—C. T. Keen & Sons, Legrand, Iowa.
Feb. 14—Albert H. Stuart, Newhall, Iowa.
Feb. 23—B. F. Held, Sioux City, Iowa.
Feb. 24—L. E. Gaffey, Storm Lake, Iowa.

DUROC JERSEYS

Jan. 26—Juhl Bros., Luverne, Minn.

HAMPSHIRES

Jan. 31—Finehurst Farms, Cedar Rapids, Iowa.
Feb. 2—Lettow Bros., Alden, Iowa.
Feb. 10—Frantz Bros., Grand Junction, Iowa.
Feb. 10—Bred Sow Sale, Frantz Bros., Grand Junction, Iowa.
Feb. 18—Albert J. Larson & Sons, Ayrshire, Iowa.
Feb. 23—George Lippold, Avoca, Iowa.

POLAND CHINAS

Feb. 10—R. F. Anderson & Sons, Omaha, Neb.; sale at the Pure Bred Sale Barn, South Omaha.

SPOTTED POLAND CHINAS

Jan. 27—A. J. Anderson & Son, Kellogg, Iowa.

SHEEP

Jan. 3—Southwest Iowa Purebred Sheep Breeders Assn. Bred Ewe Sale, Des Moines, Iowa; Dwight L. Carmichael, Secy., Villisca, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 601 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Livestock News

The Angus dissolution sale of Victory Valley Farm No. 1, of H. Ward Benson and Orlin Ferris, Memphis, Mo., December 8, brought out a very good attendance. The cattle were presented in good, thrifty, breeding condition, and buyers bought animals worth the money. The top was a bull, Emulous Echo of B. S. F., a son of Envious Emulous, and sold for $1,800 to E. Peters. Eileenmere 939th, by Eileenmere 500th, sold for $1,200 to R. L. Simpson, Ufalla, Okla. Blackcap Bardolier G. R. 15th sold for $600 to Myron Baker, Kahoka, Mo. Blackcap Belmore Envious B., by Envious Elbanor, sold for $500 to Clarence H. Decatur, Grinnell, Iowa. Envious Elbanor B. Again, a six-year-old by the same sire, sold for $125 to O. O. Emmerson, Knoxville, Iowa. The top female was Bessie B. of Victory Valley, and sold for $340 to Jack Ray, Defiance, Mo. Beulah of Victory Valley sold for $340, also to Jack Ray. Elba Elaine B. of V. V. was taken by Jack Ray at $325. Beulah Envious of V. V. sold for $285 to Emerson Calvert, Sciota, Ill. Envious Elsie Lady of V. V. went at $340 to Noah Smith, Stockport, Iowa. Blackbird Glory of V. V. brought $305 and went to J. L. Harris, Bloomfield, Iowa. The nine bulls averaged $650, with 67 females at $265, and the 76 lots sold for $23,550, a general average of $310. Auctioneers were Roy Johnston and H. James.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

THIS IS THE CHRISTMAS season, a joyous time of year for young and old alike. It's the time of year when we see on every hand expressions of Peace on Earth, Good Will Toward Men. There are displays of generosity and thanksgiving which should serve as a symbol of every-day practice in each of the eleven other months. As we extend our warmest greeting, we do it with the hope and pledge that peace and good will may soon envelop the entire word.

PEACE AND GOOD WILL can best be achieved by sharing our possessions and talents unselfishly with the rest of the world. Our talents include the professional skills and "know how", so necessary to improving living standards. Our possessions are our resources and production yet untapped. We have a big challenge ahead to replenish weakened stock-piles of food, especially, but farmers as a group have overcome bigger obstacles in the past.

PRIVATELY, livestock experts think it's about time cattlemen rebuilt their breeding herds. We reached the peak in cattle numbers in 1945, but there's been a downturn in production ever since. A total slaughter reduced to 30 million head would be necessary to stop the downswing next year, but the goal is for 32 million head. This year, 36 million cattle went to the packing house, and there were many cows and heifers included.

THERE'LL BE LESS of all classes of livestock in Iowa this coming year, but the good manager will stick to a normal program. He'll feed wisely a well-balanced ration. In parts of Jefferson and Washington counties, Walnut Grove will be the leading mineral balancer with such livestock men as M. H. Kurtz, Roy Lamansky, A. P. Sopaski, Ed Ledger, Jerry and Albert Elmore and Elmer Rudy. This business is handled by Joe Supalla, of Pleasant Plains, Iowa.

SO MANY FARMERS learned the value of feedlot efficiency during the war years that this nation is in much better position to weather the uncertain months ahead than most people realize. Scientific feeding has saved great quantities of grain. Our industry has grown rapidly because it is a grain saving business. Our representatives are farm men who realize full well the value their service can be to every producer of hogs, cattle, lambs and poultry.

SPEAKING OF COWS, this is the time of year for a dairyman to protect milk against freezing. Temperatures are as important in winter as in summer, only don't be misled into believing that if 50 degrees is good, 20 degrees is better. It's hard to get an accurate test on milk that has been frozen, and the test is the basis for butterfat payment. Perhaps the hauler should be reminded that an insulated truck would partially remedy the situation.

QUALITY IS THE GOAL toward which we all strive. Feedlot test establishes the merit of a mineral, and we are pleased to say that no complete mineral gives better results than Walnut Grove. Customers in Lyon county who have proven this include, among others, John G. Henricks, Lloyd Eberline, Elmer Geerdes, Herman Doin, Chas. Stubbe, Jans Timmers and John Kahl. Alfred Rustman, of George, Iowa, looks after this and other business.

HERE'S A TRUE STORY brought back from Germany, which has a farm angle. A miner has a hen which lays five eggs a week. He keeps one of the eggs and trades the other four for cigarettes. The 32 cigarettes he can get on the trade bring him more than his week's wages for digging coal. So he takes two days a week off from his mining to find feed for his hen so she'll maintain production and he'll be able to trade for more cigarettes.

ASK ANYONE IN IOWA to name the premier agricultural state in the nation and the answer probably wouldn't be California. Yet, the western state has led the list in agricultural income 16 out of the last 19 years. Higher livestock and crop prices and lower returns on fruit may give Iowa her fourth farm income title when returns are compiled this year. Matter of fact, we not only have a chance to hold down first place, we may set a new all-time farm income record in Iowa.

IOWA RANKED SECOND last year with an income amounting to one and three-quarters billion dollars. California was in first place with well over two billion dollars. The way it looks now, Iowa will gross even more. What livestock and grains have done for Iowa may also reverse the positions of Illinois and Texas. Texas is now holding down third position, but in the final analysis last year they finished the other way around.

THERE'S BEEN NO CHANGE in the quality of Walnut Grove Minerals during the past year, in spite of the trying time we've had securing necessary ingredients. Proving Walnut Grove quality has never been lowered, we cite the long-time customers in Bremer county, served by Arch Purviance, of Cedar Falls, Iowa. On his lists are men like Roy Loomis, Wm. Waggett, C. C. Notger, Floyd Bauers, Chas. Sutherland, Paul Ramige and Ewalt Cueker.

NATURAL FOREST COVER in Minnesota has long been a strong conservation factor, but a new state law will promote even greater expansion in tree growth. Farmers will be enabled to plant between 20 and 30 million trees annually from seedlings started in state nurseries. Fires and commercial tree harvests have cut deeply into acreages. Just consider where your Christmas tree came from. On the other hand, look at our timber area. We could easily follow the Minnesota plan in Iowa.

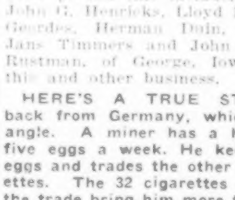
WINTER TIME WORK on many farms includes cutting some fence posts. Often, home-grown posts don't last too long; however, they'll give from 10 to 25 years service if treated with a coal tar creosote. Soak them in solution for two days or more, and if you don't like the discoloration, use a new chemical called pentachlorophenol. For freshly cut green posts, soak them in a solution of copper sulphate for two hours.

STRETCH THE VALUE of home-grown grains by balancing the ration with a good complete mineral such as Walnut Grove. Customers in Allamakee and Clayton counties, in northeastern Iowa, who have found from experience how much Walnut Grove saves, include men like Harvey Flage, Elmer Clocke, Donald Flage, D. R. Thompson, Harlan Sebastian and Leo Morch. These men secure their Walnut Grove through our representative Art Schultz.

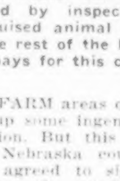
LIVESTOCK LOSSES, on account of injuries and bruises received enroute to market, cut down total meat production by some 55 millllion pounds annually. Every kick given a hog to boost him in the truck or every single use of a club means an increase in carcass waste. All such bruises are condemned by inspectors. And even though a bruised animal may sell right along with the rest of the load, it's the producer who pays for this carelessness in the end.

WORK IN REMOTE FARM areas often cause a family to rig up some ingenious system of communication. But this one was ruled out by a Nebraska couple. An expectant mother agreed to signal her husband by starting the windmill, should a fast hospital trip become necessary. One day the nervous father saw the signal, and exhausted himself rushing home, only a find Grandpa had made an unscheduled visit and started the mill to pump water for the hogs.

Walnut Grove Minerals



FOR PROFITABLE GAINS WITH HOME GROWN GRAINS



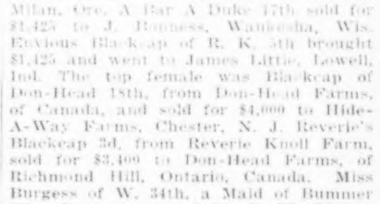
SOLD ONLY BY *DEPENDABLE REPRESENTATIVES*
★ HOME OFFICE ATLANTIC, IOWA

Livestock News

The Shorthorn sale of Curtiss Candy Farms, Cary, Ill., and Marellbar Farms, Libertyville, Ill., November 29, drew cattle men from all sections of the United States and Canada. John Blume had all details in order and deserves much credit for the excellent offering. The top bull, Imp. Crichton Broadway, sold for $3,300 and went to Dr. O. W. House, Washington Court House, Ohio. Imp. Marellbar Destiny was selected by Marian Mackey, Clarksville, Mo., at $2,000. Marellbar Uprising, a dark red March calf by the Perth champion, Pittodrie Upright, sold for $1,950 to Hubert Blasen, Duke, Okla. Curtiss Candy Calypso, a red son of Edellyn Peerless Mercury, was the second top bull at $2,550, and was bought by Milton Nagely, Abilene, Kan. The top female, Kildun Ellen Terry 4th, bred in June to Imp. Beaufort Banspiel, sold for $2,400 to Merryvale Farm, Grandview, Mo. Kildun Clara 26th went at $1,400 to Henry Dietz, Waukeeny, Kan. Kildun Princess Royal 39th was selected by Dr. O. W. House at $1,400. Glastullich Rita Rosewood was purchased by J. B. Rockwell, Mt. Pleasant, Iowa, at $1,025. Ascreavie Princess Anne 2d was selected by Edellyn Farm, Wilson, Ill., at $1,800. The 15 imported females and two bulls averaged $1,450 each. The seven bulls averaged $1,707, with 36 females at $980 each, and the 43 lots sold for $47,150, a general average of $1,096.50. The cattle were bought by buyers from 10 states and Canada, and were distributed as follows: Iowa 1, Wisconsin 4, Illinois 14, Ohio 5, Kentucky 3, Missouri 2, Oklahoma 2, Kansas 2, North Dakota 2, Indiana 1, and seven went to Canada. Auctioneers, J. E. Halsey and Hamilton James.

The International Angus sale, Chicago, Ill., December 4, was a good sale. The top bull, Homeplace Eileenmere 18th, from Penney & James, Hamilton, Mo., sold for $2,000 to Tomlinson Farm, West Frankfort, Ill. Eric Baron I. E. 2d, from Imbridge-Ellerslie, sold for $1,550 to Red Top Farm, Libertyville, Ill. Ankony Bardell went at $1,450 to West & Wilson, Milan, Ore. A Bar A Duke 17th sold for $1,425 to J. Renness, Waukesha, Wis. Envious Blackcap of R. K. 5th brought $1,425 and went to James Little, Lowell, Ind. The top female was Blackcap of Don-Head 18th, from Don-Head Farms, of Canada, and sold for $4,000 to Hide-A-Way Farms, Chester, N. J. Reverie's Blackcap 3d, from Reverie Knoll Farm, sold for $3,400 to Don-Head Farms, of Richmond Hill, Ontario, Canada. Miss Burgess of W. 34th, a Maid of Bummer Miss Burgess, owned by F. W. Whitehead, Kahoka, Mo., sold for $2,375 to J. Garrett Tolan, Pleasant Plains, Ill. Pure Pride Estoness, from the W. A. Hopley Farm, Atlantic, Iowa, went at $1,025 to G. H. Hartong, Tipton, Iowa. The 15 bulls averaged $1,915, with 31 females at $1,310 and 46 head at a general average of $1,215. Auctioneers, Johnston and James.

The Central Illinois Angus calf sale, Congerville, Ill., November 15, was very successful. They were all 1947 calves, and the 58 heifers averaged $196.64, with 122 steers at $132.24 each, and 180 head at a general average of $153.06. The top heifer sold for $425, and the second top for $360. The top steer went at $440, and the second top steer at $390.



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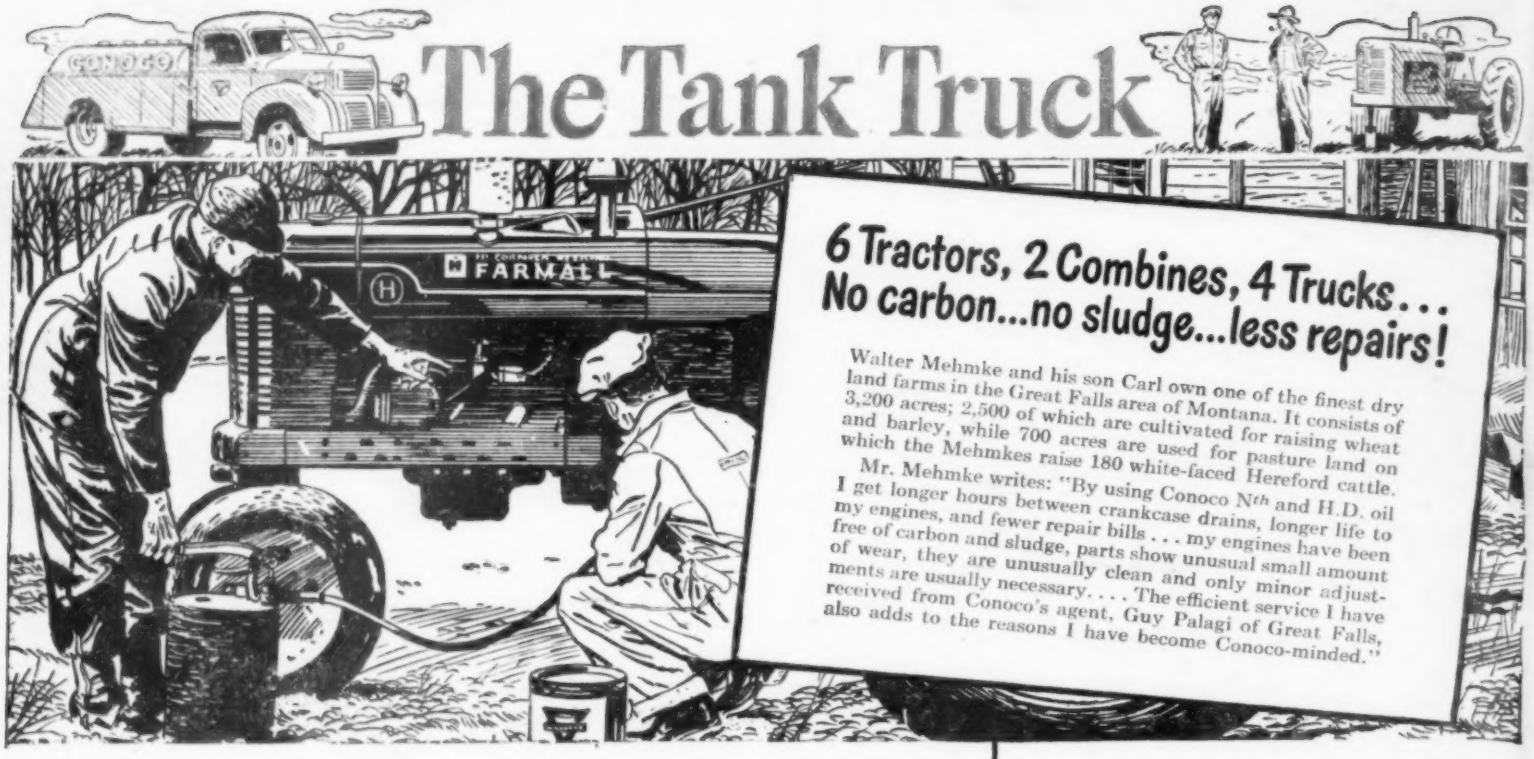
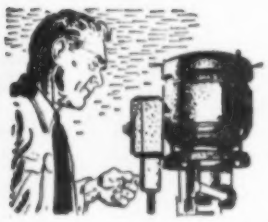


6 Tractors, 2 Combines, 4 Trucks... No carbon...no sludge...less repairs!

Walter Mehmke and his son Carl own one of the finest dry land farms in the Great Falls area of Montana. It consists of 3,200 acres; 2,500 of which are cultivated for raising wheat and barley, while 700 acres are used for pasture land on which the Mehmkes raise 180 white-faced Hereford cattle.

Mr. Mehmke writes: "By using Conoco N*th* and H.D. oil I get longer hours between crankcase drains, longer life to my engines, and fewer repair bills . . . my engines have been free of carbon and sludge, parts show unusual small amount of wear, they are unusually clean and only minor adjustments are usually necessary. . . . The efficient service I have received from Conoco's agent, Guy Palagi of Great Falls, also adds to the reasons I have become Conoco-minded."

Why OIL-PLATING means extra savings!



Conoco scientists stubbornly made up their minds to find a motor oil that would stay in the *right place* at the *right time* in the *right amount* . . . and, they didn't stop until they created OIL-PLATING!

Yes . . . the invention of OIL-PLATING Conoco N*th* Motor Oil was based on the remarkable development of a special lubricating ingredient. Its molecules attach themselves to molecules of metal through the basic natural force of *molecular attraction!*

Because OIL-PLATING is attracted and held to engine parts by *molecular force*, it *can't* all drain down into the crankcase and leave cylinder walls exposed to metal-eating combustion acids when your engine is idle . . . and cold. You're *extra-protected* from "dry-friction" starts . . . and from carbon and sludge caused by wear.

Just ask any of your neighbors who use Conoco N*th* Motor Oil what *they* think of its practical day-to-day results. . . . Then, you'll want to try Conoco N*th* in your *own* tractor—truck—car. Just call your Conoco Agent—there's no obligation.

Continental Oil Company.

Gumdrop Cookies!

Mrs. Clarence Backes of Durango, Iowa, sends in this new and different cookie recipe.

- 1 cup brown sugar
- 1 cup white sugar
- 1 cup butter or other shortening
- 2 eggs
- 2 cups quick oatmeal, toasted
- 1 cup gumdrops cut in fine pieces
- 2½ cups flour
- ½ t. salt
- 1 t. soda
- 1 t. baking powder
- 1 cup cocoanut

Mix all dry ingredients together and add to the creamed mixture consisting of the sugar, shortening, eggs and gumdrops. Mix well and drop on baking sheet and bake in moderate oven.

Send your favorite recipe to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Okla. Get $5 for each one printed here with your name. If duplicates are received, the one published shall be determined solely by Mrs. Wheeler. All recipes become property of Continental Oil Company.

FARM KITCHEN

$5.00 for your favorite recipe!

Mr. Lewis and Grand Champion "King Hill Squire"...

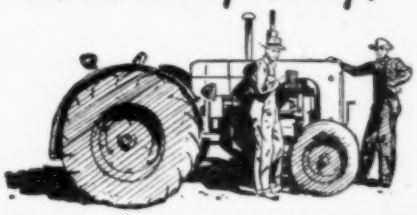
Warren J. Lewis operates a 300-acre dairy farm near Quincy, Illinois. His prize Guernsey herd is the pride of all Adams County. His 2,200-pound Grand Champion Guernsey Bull, "King Hill Squire," began taking ribbons when only 6 months old.

Mr. Lewis says: "I just wasn't getting the kind of performance I wanted from lubricating oils . . . As a result I tried several leading brands and I finally settled on N*th* Motor Oil. I was honestly and sincerely surprised at the results I immediately obtained. N*th* MOTOR OIL STANDS UP BETTER THAN ANY I HAVE EVER USED. On long hauls and during heavy use of my equipment N*th* has shown me cleaner operation and a marked reduction in oil consumption."

YOUR CONOCO AGENT

CONOCO

Markets 5,000 Chickens, 12,000 Turkeys Yearly!



Mr. Alvin Barker of Murray and Taylorsville, Utah, makes a big business of farming and poultry raising . . . he writes: "I am the owner of a nine hundred acre dry farm, a sixty acre irrigation farm, and also am one of the largest poultry raisers in Utah, producing 5000 chickens and 12,000 turkeys yearly.

"I have one John Deere and one Case tractor, a threshing machine and three large trucks. . . . During our harvest season the crankcases are not checked as often, possibly, as they need it, but my mind is at ease due to the fact that all motors are OIL-PLATED with Conoco N*th* Motor Oil.

"I cannot speak too highly for your Conoco N*th* Motor Oil, greases . . . through their use my repairs have been at a minimum. . . ."

Fence Fixing Belt!

William Henry, Jr., Lecompton, Kansas, sends us his idea of a "carry-all" fence-fixing belt. As the sketch, at left, shows . . . it is made of a wide leather belt, with short leather straps and pockets riveted on to hold tools and carry staples.

Simple Milking Aid!

Orville Moore, a 15-year-old farm boy of Longview, Texas, shows how he keeps a cow from switching her tail . . . with an old bicycle tire.

DOLLARS FOR IDEAS!

Ideas are worth money. Send your original ideas to *The Tank Truck* in care of this paper—and get $5.00 for every one that's printed!

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